

meth yl pentafluoroethyl ether

Other names:

ethane, pentafluoromethoxy-
ether, methyl pentafluoroethyl
pentafluoromethoxyethane

Inchi:

InChI=1S/C3H3F5O/c1-9-3(7,8)2(4,5)6/h1H3

InchiKey:

GCDWNCOAODIANN-UHFFFAOYSA-N

Formula:

C3H3F5O

SMILES:

COC(F)(F)C(F)(F)F

Mol. weight [g/mol]:

150.05

Physical Properties

| Property code | Value | Unit | Source |
|---------------|----------|--------|--|
| gf | -1098.99 | kJ/mol | Joback Method |
| hf | -1235.52 | kJ/mol | Joback Method |
| hfus | 5.29 | kJ/mol | Joback Method |
| hvap | 18.01 | kJ/mol | Joback Method |
| log10ws | -1.64 | | Crippen Method |
| logp | 1.788 | | Crippen Method |
| mcvol | 67.850 | ml/mol | McGowan Method |
| pc | 2885.00 | kPa | Critical Properties of 1,2,2,2-Tetrafluoroethyl Trifluoromethyl Ether (HFE-227me) + Trifluoromethoxymethane (HFE-143m) and + Methyl Pentafluoroethyl Ether (HFE-245mc) |
| rhoc | 491.00 | kg/m3 | Critical Properties of 1,2,2,2-Tetrafluoroethyl Trifluoromethyl Ether (HFE-227me) + Trifluoromethoxymethane (HFE-143m) and + Methyl Pentafluoroethyl Ether (HFE-245mc) |
| tb | 280.35 | K | Joback Method |
| tc | 406.82 | K | Critical Properties of 1,2,2,2-Tetrafluoroethyl Trifluoromethyl Ether (HFE-227me) + Trifluoromethoxymethane (HFE-143m) and + Methyl Pentafluoroethyl Ether (HFE-245mc) |
| tf | 153.59 | K | Joback Method |

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|----|-------|---------|---------------|
| vc | 0.289 | m3/kmol | Joback Method |
|----|-------|---------|---------------|

Temperature Dependent Properties

| Property code | Value | Unit | Temperature [K] | Source |
|---------------|--------|---------|-----------------|--|
| cpg | 124.93 | J/molxK | 280.35 | Joback Method |
| cpg | 132.00 | J/molxK | 303.33 | Joback Method |
| cpg | 138.72 | J/molxK | 326.31 | Joback Method |
| cpg | 145.10 | J/molxK | 349.28 | Joback Method |
| cpg | 151.17 | J/molxK | 372.26 | Joback Method |
| cpg | 156.92 | J/molxK | 395.24 | Joback Method |
| cpg | 162.37 | J/molxK | 418.22 | Joback Method |
| rhog | 5.76 | kg/m3 | 106.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 10.97 | kg/m3 | 165.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 7.55 | kg/m3 | 116.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.31 | kg/m3 | 82.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 3.73 | kg/m3 | 56.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 12.58 | kg/m3 | 188.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 8.60 | kg/m3 | 131.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 6.05 | kg/m3 | 93.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 6.15 | kg/m3 | 98.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 2.84 | kg/m3 | 45.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.82 | kg/m3 | 97.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 8.89 | kg/m3 | 144.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 12.34 | kg/m3 | 195.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 15.73 | kg/m3 | 245.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 17.86 | kg/m3 | 276.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 1.86 | kg/m3 | 31.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 1.25 | kg/m3 | 21.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.98 | kg/m3 | 101.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 9.32 | kg/m3 | 155.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 12.95 | kg/m3 | 213.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 17.25 | kg/m3 | 276.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 11.50 | kg/m3 | 191.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 7.77 | kg/m3 | 132.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.23 | kg/m3 | 90.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 3.58 | kg/m3 | 61.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 21.52 | kg/m3 | 336.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 25.11 | kg/m3 | 384.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 25.46 | kg/m3 | 389.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 24.92 | kg/m3 | 383.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 13.71 | kg/m3 | 235.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 18.42 | kg/m3 | 307.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 17.66 | kg/m3 | 295.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 18.98 | kg/m3 | 315.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 8.67 | kg/m3 | 151.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.88 | kg/m3 | 103.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 3.97 | kg/m3 | 70.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.48 | kg/m3 | 98.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 23.12 | kg/m3 | 375.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 28.23 | kg/m3 | 444.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 9.72 | kg/m3 | 169.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 30.25 | kg/m3 | 472.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 12.83 | kg/m3 | 219.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.22 | kg/m3 | 97.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 11.09 | kg/m3 | 198.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 17.05 | kg/m3 | 295.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 12.57 | kg/m3 | 224.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 8.59 | kg/m3 | 154.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 18.70 | kg/m3 | 323.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 15.51 | kg/m3 | 218.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 23.61 | kg/m3 | 396.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 30.46 | kg/m3 | 495.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 38.08 | kg/m3 | 596.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 38.04 | kg/m3 | 597.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 3.93 | kg/m3 | 72.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 6.86 | kg/m3 | 129.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 17.93 | kg/m3 | 319.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 26.40 | kg/m3 | 455.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 12.14 | kg/m3 | 222.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 8.19 | kg/m3 | 152.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.60 | kg/m3 | 104.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 3.80 | kg/m3 | 71.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 52.12 | kg/m3 | 799.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 50.08 | kg/m3 | 777.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 33.51 | kg/m3 | 560.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 22.40 | kg/m3 | 395.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 15.14 | kg/m3 | 275.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 12.20 | kg/m3 | 231.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 49.64 | kg/m3 | 807.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 33.71 | kg/m3 | 586.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 22.84 | kg/m3 | 415.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 65.14 | kg/m3 | 990.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 58.53 | kg/m3 | 915.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 39.54 | kg/m3 | 670.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 26.77 | kg/m3 | 477.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.11 | kg/m3 | 98.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|---------|---|
| rhog | 2.31 | kg/m3 | 45.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 18.07 | kg/m3 | 334.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 15.49 | kg/m3 | 289.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 10.49 | kg/m3 | 200.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 7.10 | kg/m3 | 137.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 87.49 | kg/m3 | 1277.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 81.87 | kg/m3 | 1224.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|--------|---|
| rhog | 55.26 | kg/m3 | 920.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 37.39 | kg/m3 | 666.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 25.21 | kg/m3 | 471.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 19.53 | kg/m3 | 370.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 13.19 | kg/m3 | 256.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 8.92 | kg/m3 | 176.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 6.04 | kg/m3 | 120.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|---------|---|
| rhog | 88.01 | kg/m3 | 1278.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 80.41 | kg/m3 | 1205.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 62.34 | kg/m3 | 1005.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 42.35 | kg/m3 | 737.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 28.67 | kg/m3 | 527.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 7.64 | kg/m3 | 154.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.15 | kg/m3 | 105.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|--------|-------|---------|---|
| rhog | 3.44 | kg/m3 | 71.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 16.95 | kg/m3 | 328.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 11.41 | kg/m3 | 226.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 101.80 | kg/m3 | 1486.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 31.98 | kg/m3 | 602.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 38.16 | kg/m3 | 703.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 44.65 | kg/m3 | 804.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|--------|-------|---------|---|
| rhog | 51.10 | kg/m3 | 899.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 13.32 | kg/m3 | 268.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 103.34 | kg/m3 | 1499.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 101.79 | kg/m3 | 1486.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 82.86 | kg/m3 | 1299.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 56.06 | kg/m3 | 969.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 37.81 | kg/m3 | 697.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|--------|-------|---------|---|
| rhog | 59.71 | kg/m3 | 1019.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 66.08 | kg/m3 | 1101.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 75.17 | kg/m3 | 1212.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 25.55 | kg/m3 | 492.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 107.11 | kg/m3 | 1530.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 20.83 | kg/m3 | 408.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 17.25 | kg/m3 | 342.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|-------|-------|---------|---|
| rhog | 11.67 | kg/m3 | 235.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 7.87 | kg/m3 | 161.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 5.30 | kg/m3 | 110.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 26.12 | kg/m3 | 502.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 3.57 | kg/m3 | 74.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 82.53 | kg/m3 | 1295.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 94.38 | kg/m3 | 1417.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|--------|-------|--------|---|
| rhog | 23.61 | kg/m3 | 310.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 29.81 | kg/m3 | 320.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 47.90 | kg/m3 | 340.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 61.38 | kg/m3 | 350.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 77.81 | kg/m3 | 360.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 101.33 | kg/m3 | 370.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhog | 133.96 | kg/m3 | 380.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1294.58 | kg/m3 | 981.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1440.14 | kg/m3 | 6991.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1439.20 | kg/m3 | 6522.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1438.18 | kg/m3 | 6031.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1437.10 | kg/m3 | 5507.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1436.06 | kg/m3 | 5006.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1435.03 | kg/m3 | 4516.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1433.98 | kg/m3 | 4022.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1432.91 | kg/m3 | 3526.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1431.83 | kg/m3 | 3020.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1430.67 | kg/m3 | 2495.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1429.64 | kg/m3 | 2020.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1428.49 | kg/m3 | 1498.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1427.42 | kg/m3 | 1016.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1426.30 | kg/m3 | 525.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1416.34 | kg/m3 | 6941.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1415.37 | kg/m3 | 6505.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1414.17 | kg/m3 | 5982.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1413.12 | kg/m3 | 5520.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1411.96 | kg/m3 | 5017.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1410.82 | kg/m3 | 4527.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1409.66 | kg/m3 | 4031.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1408.39 | kg/m3 | 3493.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1407.22 | kg/m3 | 3006.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1405.96 | kg/m3 | 2484.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1404.73 | kg/m3 | 1981.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1403.57 | kg/m3 | 1512.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1402.28 | kg/m3 | 999.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1401.06 | kg/m3 | 508.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1374.31 | kg/m3 | 86.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1392.71 | kg/m3 | 6976.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1391.53 | kg/m3 | 6497.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1390.36 | kg/m3 | 6029.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1389.00 | kg/m3 | 5494.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1387.75 | kg/m3 | 5008.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1386.48 | kg/m3 | 4516.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1385.14 | kg/m3 | 4009.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1383.80 | kg/m3 | 3509.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1382.45 | kg/m3 | 3006.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1381.11 | kg/m3 | 2509.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1379.71 | kg/m3 | 2001.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1378.35 | kg/m3 | 1516.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1376.90 | kg/m3 | 1002.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1375.48 | kg/m3 | 500.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1367.99 | kg/m3 | 6977.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1366.76 | kg/m3 | 6512.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1365.42 | kg/m3 | 6030.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1363.95 | kg/m3 | 5514.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1362.54 | kg/m3 | 5023.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1360.99 | kg/m3 | 4491.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1359.43 | kg/m3 | 3956.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1358.22 | kg/m3 | 3549.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1356.70 | kg/m3 | 3044.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1355.11 | kg/m3 | 2522.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1353.57 | kg/m3 | 2026.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1352.07 | kg/m3 | 1545.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1350.45 | kg/m3 | 1033.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1348.82 | kg/m3 | 526.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1343.64 | kg/m3 | 7194.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1341.37 | kg/m3 | 6466.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1339.41 | kg/m3 | 5847.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1338.26 | kg/m3 | 5492.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1336.62 | kg/m3 | 4981.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1335.09 | kg/m3 | 4513.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1333.26 | kg/m3 | 3963.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1331.69 | kg/m3 | 3497.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1329.83 | kg/m3 | 2951.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1328.12 | kg/m3 | 2459.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1326.03 | kg/m3 | 1861.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1324.63 | kg/m3 | 1474.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1322.76 | kg/m3 | 957.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1320.87 | kg/m3 | 445.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1290.78 | kg/m3 | 83.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1317.32 | kg/m3 | 6967.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1315.61 | kg/m3 | 6484.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1313.97 | kg/m3 | 6024.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1312.20 | kg/m3 | 5527.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1310.22 | kg/m3 | 4985.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1308.51 | kg/m3 | 4525.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1306.56 | kg/m3 | 4006.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1304.61 | kg/m3 | 3491.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1302.67 | kg/m3 | 2991.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1300.82 | kg/m3 | 2520.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1298.79 | kg/m3 | 2011.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1296.80 | kg/m3 | 1520.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1425.44 | kg/m3 | 142.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1292.57 | kg/m3 | 504.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1260.72 | kg/m3 | 238.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1260.66 | kg/m3 | 225.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1264.75 | kg/m3 | 1060.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1269.32 | kg/m3 | 2031.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1273.93 | kg/m3 | 3055.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1278.16 | kg/m3 | 4031.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1282.99 | kg/m3 | 5197.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1286.91 | kg/m3 | 6173.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1290.50 | kg/m3 | 7126.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1291.24 | kg/m3 | 7023.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1289.29 | kg/m3 | 6524.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1287.18 | kg/m3 | 5997.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1285.12 | kg/m3 | 5491.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1283.00 | kg/m3 | 4978.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1281.10 | kg/m3 | 4522.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1279.00 | kg/m3 | 4031.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1276.75 | kg/m3 | 3514.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1274.45 | kg/m3 | 2993.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1272.22 | kg/m3 | 2496.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1270.02 | kg/m3 | 2019.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1267.74 | kg/m3 | 1531.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1264.98 | kg/m3 | 953.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1262.72 | kg/m3 | 491.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1229.37 | kg/m3 | 312.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1229.27 | kg/m3 | 300.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1233.39 | kg/m3 | 1029.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1238.99 | kg/m3 | 2065.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1244.48 | kg/m3 | 3131.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1249.38 | kg/m3 | 4126.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1254.18 | kg/m3 | 5145.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1258.81 | kg/m3 | 6158.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1263.45 | kg/m3 | 7224.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1264.09 | kg/m3 | 7010.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1261.96 | kg/m3 | 6533.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1259.71 | kg/m3 | 6031.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1257.34 | kg/m3 | 5514.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1255.08 | kg/m3 | 5034.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1252.57 | kg/m3 | 4507.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1249.95 | kg/m3 | 3972.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1247.78 | kg/m3 | 3532.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1245.40 | kg/m3 | 3064.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1242.60 | kg/m3 | 2524.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1239.99 | kg/m3 | 2033.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1237.16 | kg/m3 | 1513.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1234.36 | kg/m3 | 1007.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1231.54 | kg/m3 | 517.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1196.33 | kg/m3 | 413.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1200.63 | kg/m3 | 1053.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1207.02 | kg/m3 | 2051.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1213.09 | kg/m3 | 3053.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1219.20 | kg/m3 | 4120.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1224.49 | kg/m3 | 5085.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1230.35 | kg/m3 | 6206.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1235.21 | kg/m3 | 7182.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1236.06 | kg/m3 | 6965.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1233.69 | kg/m3 | 6495.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1231.09 | kg/m3 | 5992.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1228.77 | kg/m3 | 5551.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1225.90 | kg/m3 | 5018.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1223.30 | kg/m3 | 4543.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1220.32 | kg/m3 | 4012.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1217.45 | kg/m3 | 3517.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1214.49 | kg/m3 | 3022.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1211.43 | kg/m3 | 2517.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1208.23 | kg/m3 | 2002.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1205.15 | kg/m3 | 1521.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1201.87 | kg/m3 | 1023.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1198.36 | kg/m3 | 506.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1161.55 | kg/m3 | 547.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1165.27 | kg/m3 | 1004.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1172.99 | kg/m3 | 1999.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1173.24 | kg/m3 | 2033.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1180.50 | kg/m3 | 3040.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1187.37 | kg/m3 | 4054.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1194.02 | kg/m3 | 5095.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1200.18 | kg/m3 | 6121.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1206.23 | kg/m3 | 7184.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1207.37 | kg/m3 | 7006.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1204.73 | kg/m3 | 6544.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1201.54 | kg/m3 | 6004.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1198.64 | kg/m3 | 5526.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1195.65 | kg/m3 | 5044.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1192.32 | kg/m3 | 4522.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1188.95 | kg/m3 | 4007.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1185.73 | kg/m3 | 3527.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1182.15 | kg/m3 | 3014.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1178.46 | kg/m3 | 2499.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1174.81 | kg/m3 | 2009.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1170.86 | kg/m3 | 1493.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1167.02 | kg/m3 | 1009.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1124.82 | kg/m3 | 722.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1124.67 | kg/m3 | 707.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1128.14 | kg/m3 | 1053.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1137.11 | kg/m3 | 1999.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1145.96 | kg/m3 | 3017.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1154.47 | kg/m3 | 4072.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1162.13 | kg/m3 | 5093.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1169.40 | kg/m3 | 6115.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1176.36 | kg/m3 | 7160.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1177.33 | kg/m3 | 7001.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1174.25 | kg/m3 | 6527.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1170.83 | kg/m3 | 6030.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1166.99 | kg/m3 | 5487.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1163.80 | kg/m3 | 5046.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1159.90 | kg/m3 | 4525.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1155.78 | kg/m3 | 3993.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1152.07 | kg/m3 | 3529.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1147.70 | kg/m3 | 3002.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1143.49 | kg/m3 | 2516.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1139.04 | kg/m3 | 2020.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1134.41 | kg/m3 | 1524.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1129.54 | kg/m3 | 1026.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1145.86 | kg/m3 | 6996.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1142.27 | kg/m3 | 6531.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1137.80 | kg/m3 | 5973.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1133.62 | kg/m3 | 5469.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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| rhoI | 1129.41 | kg/m3 | 4979.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1124.97 | kg/m3 | 4481.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1120.60 | kg/m3 | 4005.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1115.43 | kg/m3 | 3474.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1110.87 | kg/m3 | 3024.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1105.50 | kg/m3 | 2517.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1099.88 | kg/m3 | 2013.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1093.45 | kg/m3 | 1470.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1087.64 | kg/m3 | 1008.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1084.92 | kg/m3 | 902.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1085.29 | kg/m3 | 933.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1086.78 | kg/m3 | 1049.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1098.92 | kg/m3 | 2056.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1109.59 | kg/m3 | 3061.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1119.85 | kg/m3 | 4100.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1128.93 | kg/m3 | 5116.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1137.30 | kg/m3 | 6125.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1145.60 | kg/m3 | 7196.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1113.07 | kg/m3 | 6997.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1108.71 | kg/m3 | 6519.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1103.61 | kg/m3 | 5980.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1099.14 | kg/m3 | 5527.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1093.94 | kg/m3 | 5021.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1087.96 | kg/m3 | 4467.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1082.91 | kg/m3 | 4021.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1076.76 | kg/m3 | 3506.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1070.14 | kg/m3 | 2984.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1063.09 | kg/m3 | 2463.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1056.42 | kg/m3 | 2003.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1049.05 | kg/m3 | 1529.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1041.29 | kg/m3 | 1139.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1042.77 | kg/m3 | 1228.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1055.56 | kg/m3 | 2053.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1069.38 | kg/m3 | 3048.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1081.81 | kg/m3 | 4078.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1092.92 | kg/m3 | 5093.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1103.45 | kg/m3 | 6147.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1113.38 | kg/m3 | 7245.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1076.82 | kg/m3 | 6886.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1072.95 | kg/m3 | 6526.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1066.79 | kg/m3 | 5982.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1061.36 | kg/m3 | 5527.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1055.14 | kg/m3 | 5031.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1048.28 | kg/m3 | 4515.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1041.13 | kg/m3 | 4012.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1033.20 | kg/m3 | 3496.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1025.26 | kg/m3 | 3015.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1016.39 | kg/m3 | 2519.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1006.05 | kg/m3 | 1998.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 995.40 | kg/m3 | 1520.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 992.85 | kg/m3 | 1431.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 992.20 | kg/m3 | 1404.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1006.03 | kg/m3 | 2031.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1024.99 | kg/m3 | 3042.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1041.14 | kg/m3 | 4077.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1055.31 | kg/m3 | 5127.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1067.19 | kg/m3 | 6112.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1079.13 | kg/m3 | 7213.40 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 938.21 | kg/m3 | 1807.80 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 937.35 | kg/m3 | 1785.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 936.59 | kg/m3 | 1763.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 935.88 | kg/m3 | 1744.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 946.70 | kg/m3 | 2057.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 973.66 | kg/m3 | 3036.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 994.89 | kg/m3 | 4035.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1013.21 | kg/m3 | 5093.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1028.48 | kg/m3 | 6103.70 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1041.96 | kg/m3 | 7127.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1041.19 | kg/m3 | 7011.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1034.76 | kg/m3 | 6514.10 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 1028.11 | kg/m3 | 6032.60 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1020.45 | kg/m3 | 5510.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1012.37 | kg/m3 | 4998.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1004.14 | kg/m3 | 4514.50 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 994.70 | kg/m3 | 4004.90 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 984.34 | kg/m3 | 3496.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 972.71 | kg/m3 | 2986.20 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|---------|---|
| rhoI | 959.56 | kg/m3 | 2481.30 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 934.86 | kg/m3 | 380.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 935.87 | kg/m3 | 380.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 991.98 | kg/m3 | 370.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 992.32 | kg/m3 | 370.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 992.42 | kg/m3 | 370.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1040.97 | kg/m3 | 360.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|--------|---|
| rhoI | 1042.15 | kg/m3 | 360.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1042.21 | kg/m3 | 360.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1084.74 | kg/m3 | 350.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1086.06 | kg/m3 | 350.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1124.55 | kg/m3 | 340.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1126.10 | kg/m3 | 340.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1126.12 | kg/m3 | 340.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|--------|---|
| rhoI | 1161.46 | kg/m3 | 330.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1163.08 | kg/m3 | 330.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1196.29 | kg/m3 | 320.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1197.68 | kg/m3 | 320.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1230.28 | kg/m3 | 310.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1260.39 | kg/m3 | 300.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1261.37 | kg/m3 | 300.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

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|------|---------|-------|--------|---|
| rhoI | 1261.41 | kg/m3 | 300.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1291.09 | kg/m3 | 290.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1319.62 | kg/m3 | 280.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1347.19 | kg/m3 | 270.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1374.20 | kg/m3 | 260.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1399.85 | kg/m3 | 250.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |
| rhoI | 1425.22 | kg/m3 | 240.00 | Thermodynamic Property Measurements for Trifluoromethyl Methyl Ether and Pentafluoroethyl Methyl Ether |

Sources

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|--|---|
| Joback Method: | https://en.wikipedia.org/wiki/Joback_method |
| McGowan Method: | http://link.springer.com/article/10.1007/BF02311772 |
| Crippen Method: | http://pubs.acs.org/doi/abs/10.1021/ci990307l |
| Crippen Method: | https://www.chemeo.com/doc/models/crippen_log10ws |
| Thermodynamic Property Measurements for Trifluoromethyl Ether (HFE-227me) + Trifluoromethoxymethane (HFE-143m) and + Methyl Pentafluoroethyl Ether (HFE-227me) | https://www.doi.org/10.1021/je025657+ |
| Critical Properties of Pentafluoroethyl Trifluoromethyl Ether (HFE-227me) + Trifluoromethoxymethane (HFE-143m) and + Methyl Pentafluoroethyl Ether (HFE-227me) | https://www.doi.org/10.1021/je700123q |

Legend

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|-----------------------|---|
| cp _g : | Ideal gas heat capacity |
| g _f : | Standard Gibbs free energy of formation |
| h _f : | Enthalpy of formation at standard conditions |
| h _{fus} : | Enthalpy of fusion at standard conditions |
| h _{vap} : | Enthalpy of vaporization at standard conditions |
| log ₁₀ ws: | Log10 of Water solubility in mol/l |
| log _p : | Octanol/Water partition coefficient |
| mcvol: | McGowan's characteristic volume |
| pc: | Critical Pressure |
| ρ _{hc} : | Critical density |
| ρ _{hg} : | Gas Density |
| ρ _{hl} : | Liquid Density |
| t _b : | Normal Boiling Point Temperature |
| t _c : | Critical Temperature |
| t _f : | Normal melting (fusion) point |
| vc: | Critical Volume |

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