

titanium tetrafluoride

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|----------------------|------------------------------------|
| Other names: | Titanium fluoride |
| Inchi: | InChI=1S/4FH.Ti/h4*1H;/q;;;;+4/p-4 |
| InchiKey: | XROWMBWRMNHXMF-UHFFFAOYSA-J |
| Formula: | F4Ti |
| SMILES: | F.F.F.[F-].[Ti] |
| Mol. weight [g/mol]: | 123.86 |
| CAS: | 7783-63-3 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------------|------|--------------|
| ea | 2.50 ± 0.22 | eV | NIST Webbook |

Correlations

| Information | Value |
|-----------------------------|-------------------------------|
| Property code | pvap |
| Equation | $\ln(P_{vp}) = A + B/(T + C)$ |
| Coeff. A | 2.30316e+01 |
| Coeff. B | -1.02590e+04 |
| Temperature range (K), min. | 507.15 |
| Temperature range (K), max. | 557.15 |

Sources

| | |
|--------------------------------------|---|
| NIST Webbook: | http://webbook.nist.gov/cgi/cbook.cgi?ID=C7783633&Units=SI |
| The Yaws Handbook of Vapor Pressure: | https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure |

Legend

ea: Electron affinity

pvap: Vapor pressure

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