

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
cpg	483.74	J/mol×K	462.77	Joback Method
cpg	495.27	J/mol×K	482.69	Joback Method
cpg	506.05	J/mol×K	502.61	Joback Method
cpg	516.10	J/mol×K	522.54	Joback Method
cpg	525.46	J/mol×K	542.46	Joback Method
cpg	534.17	J/mol×K	562.38	Joback Method
cpg	542.25	J/mol×K	582.30	Joback Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C376181&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
Joback Method:	https://en.wikipedia.org/wiki/Joback_method
McGowan Method:	http://link.springer.com/article/10.1007/BF02311772

Legend

cpg:	Ideal gas heat capacity
gf:	Standard Gibbs free energy of formation
hf:	Enthalpy of formation at standard conditions
hfus:	Enthalpy of fusion at standard conditions
hvap:	Enthalpy of vaporization at standard conditions
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume
pc:	Critical Pressure
rinpol:	Non-polar retention indices
tb:	Normal Boiling Point Temperature
tc:	Critical Temperature
tf:	Normal melting (fusion) point

vc: Critical Volume

Latest version available from:

<https://www.chemeo.com/cid/62-287-5/1H-1H-9H-Hexadecafluoro-1-nonanol.pdf>

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