titanium tetrafluoride

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(Pvp) = 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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