

Terbium

Inchi:	InChI=1S/Tb
InchiKey:	GZCRRHWWUXGPOV-UHFFFAOYSA-N
Formula:	Tb
SMILES:	[Tb]
Mol. weight [g/mol]:	158.93
CAS:	7440-27-9

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.50656e+01
Coeff. B	-3.41349e+04
Coeff. C	-2.35780e+02
Temperature range (K), min.	1789.25
Temperature range (K), max.	3503.15

Sources

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Thermodynamic stability of RNi₂ Laves phases: <https://www.doi.org/10.1016/j.jct.2013.05.044>

Investigation in the variation of Gibbs energy of formation of RE₆UO₁₂ (RE = La, Ce, Sm, Eu, Gd, Tb, Dy, Ho, Tm, Yb, Lu, Y, Sc, Th, U, Np, Pu, Am, Cm, Bk, Cf, Es, Fm, Md, No, Lr) of the 4f series: <https://www.doi.org/10.1016/j.jct.2019.06.030>

The Yaws Handbook of Vapor Pressure: <https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure>

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7440279&Units=SI>

Legend

pvap: Vapor pressure

Latest version available from:

<https://www.chemeo.com/cid/29-817-3/Terbium.pdf>

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