

Tungsten oxide

Inchi: InChI=1S/O.W
InchiKey: VVRQVWSVLMGPRN-UHFFFAOYSA-N
Formula: OW
SMILES: O=[W]
Mol. weight [g/mol]: 199.84
CAS: 12035-99-3

Physical Properties

Property code	Value	Unit	Source
ie	9.00 ± 1.00	eV	NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	3.14617e+01
Coeff. B	-5.66436e+04
Temperature range (K), min.	2060.15
Temperature range (K), max.	2110.15

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12035993&Units=SI>
The Yaws Handbook of Vapor Pressure: <https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure>

Legend

ie: Ionization energy

pvap: Vapor pressure

Latest version available from:

<https://www.cheméo.com/cid/17-552-0/Tungsten-oxide.pdf>

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