

polonium

Inchi:	InChI=1S/Po
InchiKey:	HZEBHPIOVYHPMT-UHFFFAOYSA-N
Formula:	Po
SMILES:	[Po]
Mol. weight [g/mol]:	209.00
CAS:	7440-08-6

Physical Properties

Property code	Value	Unit	Source
ie	8.42	eV	NIST Webbook
ie	8.42	eV	NIST Webbook
ie	8.20 ± 0.40	eV	NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.45265e+01
Coeff. B	-1.21231e+04
Coeff. C	-1.16000e+01
Temperature range (K), min.	773.15
Temperature range (K), max.	1323.15

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7440086&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/25-316-3/polonium.pdf>

Generated by Cheméo on 2024-09-13 02:38:34.154994832 +0000 UTC m=+775976.791964081.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.