

radium

Inchi: InChI=1S/Ra
InchiKey: HCWPIIXVSYCSAN-UHFFFAOYSA-N
Formula: Ra
SMILES: [Ra]
Mol. weight [g/mol]: 226.00
CAS: 7440-14-4

Physical Properties

Property code	Value	Unit	Source
ie	5.28	eV	NIST Webbook
ie	5.28	eV	NIST Webbook
ie	5.28	eV	NIST Webbook
ie	5.28	eV	NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.34491e+01
Coeff. B	-1.52488e+04
Coeff. C	-7.23700e+01
Temperature range (K), min.	819.15
Temperature range (K), max.	1799.15

Sources

The Yaws Handbook of Vapor
Pressure:
NIST Webbook:

<https://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure>
<http://webbook.nist.gov/cgi/cbook.cgi?ID=C7440144&Units=SI>

Legend

ie: Ionization energy

pvap: Vapor pressure

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