

Francium

Inchi:	InChI=1S/Fr
InchiKey:	KLMCZVJJOEAUDNE-UHFFFAOYSA-N
Formula:	Fr
SMILES:	[Fr]
Mol. weight [g/mol]:	223.00
CAS:	7440-73-5

Physical Properties

Property code	Value	Unit	Source
ie	4.07 ± 0.00	eV	NIST Webbook
ie	3.98 ± 0.10	eV	NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.24559e+01
Coeff. B	-7.13653e+03
Coeff. C	-3.56000e+01
Temperature range (K), min.	394.15
Temperature range (K), max.	946.15

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C7440735&Units=SI
The Yaws Handbook of Vapor Pressure:	http://www.sciencedirect.com/book/9780128029992/the-yaws-handbook-of-vapor-pressure

Legend

ie: Ionization energy

pvap: Vapor pressure

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<https://www.cheméo.com/cid/66-903-6/Francium.pdf>

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