

gadolinium

Inchi:	InChI=1S/Gd
InchiKey:	UIWYJDYFSGRHKR-UHFFFAOYSA-N
Formula:	Gd
SMILES:	[Gd]
Mol. weight [g/mol]:	157.25
CAS:	7440-54-2

Physical Properties

Property code	Value	Unit	Source
ie	6.15 ± 0.00	eV	NIST Webbook
ie	6.15	eV	NIST Webbook
ie	6.15 ± 0.00	eV	NIST Webbook
ie	6.15 ± 0.00	eV	NIST Webbook
ie	6.10 ± 0.60	eV	NIST Webbook
ie	6.15 ± 0.00	eV	NIST Webbook
ie	6.30 ± 0.60	eV	NIST Webbook
ie	6.20 ± 0.10	eV	NIST Webbook
ie	6.14 ± 0.02	eV	NIST Webbook
ie	6.16 ± 0.05	eV	NIST Webbook
ie	5.98 ± 0.10	eV	NIST Webbook
ie	6.73 ± 0.09	eV	NIST Webbook
ie	6.73 ± 0.09	eV	NIST Webbook

Correlations

Information	Value
Property code	pvap
Equation	$\ln(P_{vp}) = A + B/(T + C)$
Coeff. A	1.66235e+01
Coeff. B	-4.17353e+04
Coeff. C	-6.25500e+01
Temperature range (K), min.	1836.15
Temperature range (K), max.	3535.15

