

Dialuminum

Inchi:	InChI=1S/2Al
InchiKey:	QSDQMOYYLXMEPS-UHFFFAOYSA-N
Formula:	Al ₂
SMILES:	[AlH3]#[AlH3]
Mol. weight [g/mol]:	53.96
CAS:	32752-94-6

Physical Properties

Property code	Value	Unit	Source
ea	1.46 ± 0.06	eV	NIST Webbook
ea	1.60 ± 0.10	eV	NIST Webbook
ea	1.10 ± 0.15	eV	NIST Webbook
ie	5.40 ± 1.00	eV	NIST Webbook
ie	5.40 ± 1.00	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C32752946&Units=SI>

Legend

ea: Electron affinity
ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/25-102-0/Dialuminum.pdf>

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