

aluminium phosphide

Other names:	Aluminum monophosphide
Inchi:	InChI=1S/Al.P
InchiKey:	PPNXXZIBFHTHDM-UHFFFAOYSA-N
Formula:	AIP
SMILES:	[AlH3]#P
Mol. weight [g/mol]:	57.96
CAS:	20859-73-8

Physical Properties

Property code	Value	Unit	Source
ea	2.04 ± 0.01	eV	NIST Webbook
ie	8.40 ± 0.40	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C20859738&Units=SI>

Legend

ea: Electron affinity
ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/50-975-4/aluminium-phosphide.pdf>

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