

Dipotassium

Inchi: InChI=1S/2K
InchiKey: ZDHURYWHEBEGHO-UHFFFAOYSA-N
Formula: K₂
SMILES: [K][K]
Mol. weight [g/mol]: 78.20
CAS: 25681-80-5

Physical Properties

Property code	Value	Unit	Source
ea	0.49 ± 0.01	eV	NIST Webbook
ea	0.50 ± 0.01	eV	NIST Webbook
ie	4.05 ± 0.05	eV	NIST Webbook
ie	4.06 ± 0.00	eV	NIST Webbook
ie	4.06 ± 0.00	eV	NIST Webbook
ie	4.06 ± 0.00	eV	NIST Webbook
ie	4.06 ± 0.00	eV	NIST Webbook
ie	4.06 ± 0.00	eV	NIST Webbook
ie	3.90	eV	NIST Webbook
ie	4.00 ± 0.10	eV	NIST Webbook
ie	4.10	eV	NIST Webbook
ie	4.06 ± 0.00	eV	NIST Webbook
ie	4.06 ± 0.00	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C25681805&Units=SI>

Legend

ea: Electron affinity
ie: Ionization energy

Latest version available from:

<https://www.chemeo.com/cid/42-435-2/Dipotassium.pdf>

Generated by Cheméo on 2025-12-05 07:55:34.02125731 +0000 UTC m=+4669531.551297973.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.