

Chromium monoxide

Inchi:	InChI=1S/Cr.O
InchiKey:	XVOFZWCCFLVFRR-UHFFFAOYSA-N
Formula:	CrO
SMILES:	O=[Cr]
Mol. weight [g/mol]:	68.00
CAS:	12018-00-7

Physical Properties

Property code	Value	Unit	Source
ea	1.22 ± 0.01	eV	NIST Webbook
ea	1.30 ± 0.70	eV	NIST Webbook
ea	1.22 ± 0.01	eV	NIST Webbook
ie	8.20 ± 0.50	eV	NIST Webbook
ie	8.40 ± 0.50	eV	NIST Webbook
ie	8.16 ± 0.01	eV	NIST Webbook
ie	7.85 ± 0.02	eV	NIST Webbook
ie	7.70 ± 0.30	eV	NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C12018007&Units=SI>

Legend

ea: Electron affinity
ie: Ionization energy

Latest version available from:

<https://www.cheméo.com/cid/49-720-8/Chromium-monoxide.pdf>

Generated by Cheméo on 2024-04-29 04:26:40.943370149 +0000 UTC m=+16654049.863947465.

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