

Mo(CO)₆

HEXACARBONYLMOLYBDENUM

Physical Properties

Vapor pressure equat.:	n.a.
Density:	1.96 g/cm ³
Molweight:	264 g/mol
Melting point:	150 °C / 302 °F
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Solid

Safety & Transport

Toxicity:	Toxic
Thermal decomposition:	
ADR/RID-class:	6.1
UN-no:	3466, PG III
IMDG-class:	6.1
UN-no:	3466, PG III
ICAO/IATA-class:	6.1
UN-no:	3466, PG II – AIRFREIGHT ALLOWED

For further details please refer to Safety Data Sheet (SDS)

Packaging & Standard Filling Volumes

Mo(CO) ₆ 100.DOCK/10.150	100g / 150ccm cyl.
Mo(CO) ₆ 250.DOCK/10.400	250g / 400ccm cyl.
Mo(CO) ₆ 400.DOCK/10.600	400g / 600ccm cyl.
Mo(CO) ₆ 650.DOCK/10.1000	650g / 1000ccm cyl.
Mo(CO) ₆ 2000.DOCK/10.3000	2000g / 3000ccm cyl.

Product Description

Name:	MOLYBDENUMHEXACARBONYL
CAS-Number:	13939-06-5
Element:	Mo
Molecular Formula:	C ₆ O ₆ Mo

Quality Standards

EG Electronic Grade

Application

Deposition of 2D materials

Vapor Pressure

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