

W(CO)₆

HEXACARBONYLTUNGSTEN

Physical Properties

Vapor pressure equat.:	1.6 mbar at 67 °C
Density:	2.65 g/cm ³
Molweight:	351.9 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 III – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

W(CO) ₆ .100.DOCK/10.150	100g / 150ccm cyl.
W(CO) ₆ .200.DOCK/10.150	200g / 150ccm cyl.
W(CO) ₆ .500.DOCK/10.400	500g / 400ccm cyl.
W(CO) ₆ .4000.DOCK/10.1000	4000g / 1000ccm cyl.
W(CO) ₆ .5500.DOCK/10.3000	5500g / 3000ccm cyl.

Product Description

Name:	TUNGSTENHEXACARBONYL
CAS-Number:	14040-11-0
Element:	W
Molecular Formula:	W(CO) ₆

Quality Standards

EG Electronic Grade

Application

Deposition of 2D materials.

Vapor Pressure

