

HEXACARBONYLMOLYBDENUM

$\text{Mo}(\text{CO})_6$

 Product description

Name: HEXACARBONYLMOLYBDENUM
CAS-Number: 13939-06-5

Application: Deposition of 2D materials

Element: Mo

HEXACARBONYLMOLYBDENUM



Physical Properties

Vapor pressure equat.: no data available

Density: 1.96 g/cm³

Molweight: 264 g/mol

Melting point: 150 °C / 302 °F

Boiling point: n.a.

Sublimation point:

Chemical Properties

Stability: Stable under normal storage conditions

State of matter: Solid

Safety & Transport

Toxicity: Acute Toxicity

Thermal decomposition:

ADR/RID-class: 6.1

UN-no: 3288

IMDG-class: 6,1

UN-no: 3288

ICAO/IATA-class: 6,1

UN-no: 3288 – AIR FREIGHT 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.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

Deposition of 2D materials



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