

Cp₂Mn

BIS(CYCLOPENTADIENYL)MANGANESE

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 10.58 - 3780/T(\text{K})$ below melting point
Density:	ca. 1.2 g/cm ³
Molweight:	185.13 g/mol
Melting point:	175 °C / 347 °F
Boiling point:	245 °C / 473 °F (1013 mbar)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Flammable
Thermal decomposition:	
ADR/RID-class:	4.1
UN-no:	1325, PG II
IMDG-class:	4.1
UN-no:	1325, PG II
ICAO/IATA-class:	4.1
UN-no:	1325, PG II – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

Cp ₂ Mn.100.DOCK/10.150	100g / 150ccm cyl.
Cp ₂ Mn.400.DOCK/10.400	400g / 400ccm cyl.
Cp ₂ Mn.600.DOCK/10.600	600g / 600ccm cyl.
Cp ₂ Mn.1000.DOCK/10.1000	1000g / 1000ccm cyl
Cp ₂ Mn.3000.DOCK/10.3000	3000g / 3000ccm cyl.

Product Description

Name:	MANGANOCENE
CAS-Number:	73138-26-8
Element:	Mn
Molecular Formula:	C ₁₀ H ₁₀ Mn

Quality Standards

EG Electronic Grade

Application

Dilute magnetic semiconductors, spintronics

Vapor Pressure

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