

Cp₂Mg

BIS(CYCLOPENTADIENYL)MAGNESIUM

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 25.14 - 4198/T(\text{K}) - 2.18 \ln(T(\text{K}))$
Density:	1.1 g/cm ³
Molweight:	154.4 g/mol
Melting point:	176 °C / 349 °F
Boiling point:	>300 °C (decomposes)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Pyrophoric
Thermal decomposition:	
ADR/RID-class:	4.2
UN-no:	3393, PG I
IMDG-class:	4.2
UN-no:	3393, PG I
ICAO/IATA-class:	4.2
UN-no:	3393, PG I – AIR FREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

Cp ₂ Mg.50.DOCK/10.150	50g / 150ccm cyl.
Cp ₂ Mg.100.DOCK/10.150	100g / 150ccm cyl.
Cp ₂ Mg.200.DOCK/10.400	200g / 400ccm cyl.
Cp ₂ Mg.400.DOCK/10.600	400g / 600ccm cyl.

Product Description

Name:	MAGNESOCENE
CAS-Number:	1284-72-6
Element:	Mg
Molecular Formula:	C ₁₀ H ₁₀ Mg

Quality Standards

EG Electronic Grade

Application

III/V MOCVD, GaN-based material system, Si-semiconductors, III/V on Si

Vapor Pressure

