

Cp₂Co

BIS(CYCLOPENTADIENYL)COBALT

Physical Properties

Vapor pressure equat.:	n.a.
Density:	ca. 1.1 g/cm ³
Molweight:	189.12 g/mol
Melting point:	171 - 173 °C / 340 - 343 °F
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Carcinogenicity, Mutagenicity, Flammable, May cause allergic reaction
Thermal decomposition:	
ADR/RID-class:	4.1
UN-no:	1325, PG III
IMDG-class:	4.1
UN-no:	1325, PG III
ICAO/IATA-class:	4.1
UN-no:	1325, PG III – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

Cp ₂ Co.100.DOCK/10.150	100g / 150ccm cyl.
Cp ₂ Co.200.DOCK/10.400	200g / 400ccm cyl.
Cp ₂ Co.400.DOCK/10.400	400g / 400ccm cyl.
Cp ₂ Co.800.DOCK/10.1000	800g / 1000ccm cyl.
Cp ₂ Co.2000.DOCK/10.3000	2000g / 3000ccm cyl.
Cp ₂ Co.7000.DOCK/10.8000	7000g / 8000ccm cyl.

Product Description

Name:	BIS(CYCLOPENTADIENYL)COBALT
CAS-Number:	1277-43-6
Element:	Co
Molecular Formula:	C ₁₀ H ₁₀ Co

Quality Standards

DG Development Grade

Application

CVD/ALD Precursor

Vapor Pressure

