

# Cp<sub>2</sub>Fe

## BIS(CYCLOPENTADIENYL)IRON

### Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 10.27 - 3680/T(\text{K})$
Density:	1.49 g/cm <sup>3</sup>
Molweight:	186 g/mol
Melting point:	172-175 °C / 342-347 °F
Boiling point:	249 °C / 480 °F
Sublimation point:	

### Chemical Properties

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

### Safety & Transport

Toxicity:	Toxic by Inhalation
Thermal decomposition:	
ADR/RID-class:	4.1, PG II
UN-no:	1325
IMDG-class:	4.1, PG II
UN-no:	1325
ICAO/IATA-class:	4.1, PG II
UN-no:	1325 – AIR FREIGHT ALLOWED

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

### Packaging & Standard Filling Volumes

Cp <sub>2</sub> Fe.50.DOCK/10.150	50g / 150ccm cyl.
Cp <sub>2</sub> Fe.100.DOCK/10.400	100g / 400ccm cyl.
Cp <sub>2</sub> Fe.250.DOCK/10.600	250g / 600ccm cyl.
Cp <sub>2</sub> Fe.450.DOCK/10.1000	450g / 1000ccm cyl.

### Product Description

Name:	FERROCENE
CAS-Number:	102-54-5
Element:	Fe
Molecular Formula:	C <sub>10</sub> H <sub>10</sub> Fe

### Quality Standards

EG Electronic Grade

### Application

III/V MOCVD, Iron Dopant, Semiinsulating InP

### Vapor Pressure

Vapor Pressure  
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