

BIS(CYCLOPENTADIENYL)VANADIUM

Cp₂V

 **Product description**

Name: BIS(CYCLOPENTADIENYL)VANADIUM
CAS-Number: 1277-47-0

Application: MOCVD, Vanadium Dopant

Element: V

BIS(CYCLOPENTADIENYL)VANADIUM

Cp₂V

Physical Properties

Vapor pressure equat.:	n.a.
Density:	ca. 1.2 g/cm ³
Molweight:	181.13 g/mol
Melting point:	165-167 °C / 329-332.6 °F
Boiling point:	n.a.
Sublimation point:	

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Solid

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	4.1(6.1)
UN-no:	2926, PG II
IMDG-class:	4.1(6.1)
UN-no:	2926, PG II
ICAO/IATA-class:	4.1(6.1)
UN-no:	2926, PG II – AIR FREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

Cp ₂ V.50.DOCK/10.150	50g / 150ccm cyl.
Cp ₂ V.100.DOCK/10.150	100g / 150ccm cyl.
Cp ₂ V.200.DOCK/10.400	200g / 400ccm cyl.
Cp ₂ V.400.DOCK/10.600	450g / 600ccm cyl.

Quality Standards

PG

Vapor Pressure Curve

Application

MOCVD, Vanadium Dopant



Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com

dockchemicals.com