

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Chromium precursor for MOCVD

MOCVD

MP: 168 °C / 334 °F

Cp_2Cr - BIS(CYCLOPENTADIENYL)CHROMIUM

PRODUCT DATASHEET

Cp₂Cr- BIS(CYCLOPENTADIENYL)CHROMIUM

IDENTIFICATION

CAS-No:	1271-24-5
EC-No:	215-036-4
Other name:	Chromocene

MO-CVD

PHYSICAL PROPERTIES

Vapor pressure equat.:	n.a.
Density:	1.43 g/cm ³
Molweight:	182.19 g/mol
Melting point:	168 °C / 334 °F
Boiling point:	sublimes under vacuum

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE

n.a.

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Solid

SAFETY & TRANSPORT

Toxicity:	Corrosive
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	8
UN-no:	1759, PG III
IMDG	
IMDG -class:	8
UN-no:	1759, PG III
ICAO/IATA	
ICAO/IATA-class:	8
UN-no:	1759, PG III – AIRFREIGHT ALLOWED

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

APPLICATION

Chromium doping, ALD

PACKAGING & STANDARD FILLING VOLUMES

Cp₂Cr.100.DOCK/10.150	100g / 150ccm cyl.
Cp₂Cr.400.DOCK/10.400	400g / 400ccm cyl.
Cp₂Cr.600.DOCK/10.600	600g / 600ccm cyl.
Cp₂Cr.1000.DOCK/10.1000	1000g / 1000ccm cyl.
Cp₂Cr.3000.DOCK/10.3000	3000g / 3000ccm cyl.

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PRODUCT DATASHEET

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