

BIS(CYCLOPENTADIENYL)NICKEL

Cp₂Ni

 **Product description**

Name: BIS(CYCLOPENTADIENYL)NICKEL

CAS-Number: 1271-28-9

Application:

Element: Ni

BIS(CYCLOPENTADIENYL)NICKEL

Cp₂Ni

Physical Properties

Vapor pressure equat.:	$\ln(p(\text{Pa})) = 28.5 - 8402.4/(1/T(\text{K}))$
Density:	1.47 g/cm ³
Molweight:	188.88 g/mol
Melting point:	171 °C / 340 °F
Boiling point:	n.a.
Sublimation point:	100 °C (0.01 mbar)

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Solid

Safety & Transport

Toxicity:	Flammable
Thermal decomposition:	
ADR/RID-class:	4,1
UN-no:	1325, PG II
IMDG-class:	4,1
UN-no:	1325, PG II
ICAO/IATA-class:	4,1
UN-no:	1325, PG II – AIRFREIGHT ALLOWED

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

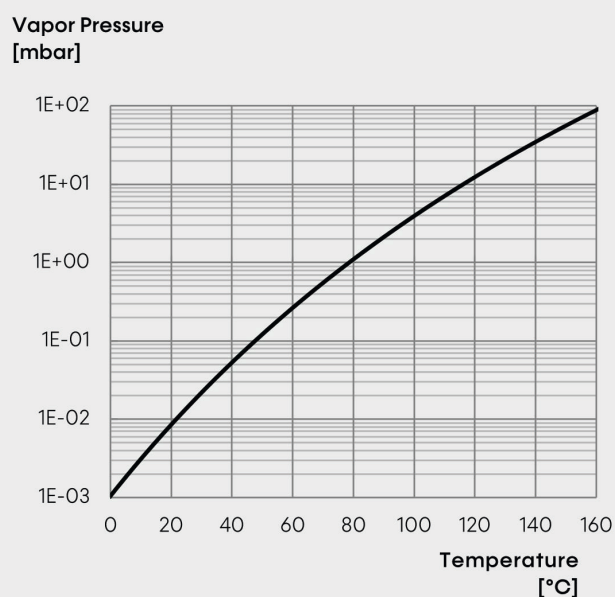
Packaging & Standard Filling Volumes

Cp ₂ Ni.100.DOCK/10.150	100g / 150ccm cyl.
Cp ₂ Ni.300.DOCK/10.400	300g / 400ccm cyl.
Cp ₂ Ni.500.DOCK/10.600	500g / 600ccm cyl.
Cp ₂ Ni.750.DOCK/10.1000	750g / 1000ccm cyl.
Cp ₂ Ni.2500.DOCK/10.3000	2500g / 3000ccm cyl.

Quality Standards

DG Development Grade

Vapor Pressure Curve



Application



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