

BIS(TRIISOPROPYLCYCLOPENTADIENYL)BARIUM

(iP3Cp)2Ba

 **Product description**

Name: BIS(TRIISOPROPYLCYCLOPENTADIENYL)BARIUM

CAS-Number: 147658-83-1

Application: ALD, CVD deposition

Element: Ba

BIS(TRIISOPROPYLCYCLOPENTADIENYL)BARIUM

(iP3Cp)2Ba

Physical Properties

Vapor pressure equat.:	n.a.
Density:	n.a.
Molweight:	519.98 g/mol
Melting point:	~100 °C / 212 °F / 1013mbar
Boiling point:	n.a.
Sublimation point:	110 °C / 230 °F (0.0013 mbar)

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Solid

Safety & Transport

Toxicity:	Toxic & Inflammable
Thermal decomposition:	
ADR/RID-class:	6.1(4.1)
UN-no:	2926, PG II
IMDG-class:	6.1(4.1)
UN-no:	2926 – PG II
ICAO/IATA-class:	6.1(4.1)
UN-no:	2926 – PG II – AIR FREIGHT AL- LOWED

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

Packaging & Standard Filling Volumes

(iP3Cp)2Ba.100.DOCK/10.150	100g / 150ccm cyl.
(iP3Cp)2Ba.400.DOCK/10.400	400g / 400ccm cyl.
(iP3Cp)2Ba.600.DOCK/10.600	600g / 600ccm cyl.
(iP3Cp)2Ba.1000.DOCK/10.1000	1000g / 1000ccm cyl.
(iP3Cp)2Ba.3000.DOCK/10.3000	3000g / 3000ccm cyl.

Quality Standards

DG Development Grade

Vapor Pressure Curve

Application

ALD, CVD deposition



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