



TANTALUM PENTACHLORIDE

Physical Properties

Vapor pressure equat.:	n.a.
Density:	3.68 g/cm ³
Molweight:	352.21 g/mol
Melting point:	216 °C / 420.8 °F
Boiling point:	235 °C / 455 °F
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Harmful if swallowed, Corrosive, May cause respiratory irritation
Thermal decomposition:	
ADR/RID-class:	8
UN-no:	3260, PG II
IMDG-class:	8
UN-no:	3260, PG II
ICAO/IATA-class:	8
UN-no:	3260, PG II

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

Packaging & Standard Filling Volumes

TaCl ₅ .400.DOCK/10.150	400g / 150 ccm cyl.
TaCl ₅ .1200.DOCK/10.400	1200g / 400 ccm cyl.
TaCl ₅ .3000.DOCK/10.1000	3000g / 1000 ccm cyl.

Product Description

Name:	TANTALUM PENTACHLORIDE
CAS-Number:	7721-01-9
Element:	Ta
Molecular Formula:	Ta ₅ Cl

Quality Standards

EG Electronic Grade

Application

ALD deposition

Vapor Pressure

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