SCIENCE DRIVEN SOLUTIONS

TaEtO

TANTALUM(V)ETHOXIDE

Physical Properties

Vapor pressure equat.:	10.67 mbar at 20 °C
Density:	1.556 g/cm³
Molweight:	406.26 g/mol
Melting point:	21 °C / 70 °F
Boiling point:	155 °C / 311 °F (0.013 mbar)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Flammable, Skin/eye corrosion
Thermal decomposition:	
ADR/RID-class:	3
UN-no:	1993, PG III
IMDG-class:	3
UN-no:	1993, PG III
ICAO/IATA-class:	3
UN-no:	1993, PG III – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

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

Product Description

Name:	TANTALUM(V)-ETHOXIDE
CAS-Number:	6074-84-6
Element:	Ta
Molecular Formula:	$C_{10}H_{25}O_5Ta$

Quality Standards

EG Electronic Grade

Application

TaN CVD and ALD

Vapor Pressure

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