

TTMSiSb

TRIS(TRIMETHYLSILYL)ANTIMONY

Physical Properties

Vapor pressure equat.:	ca. 0.03 mbar at 25 °C
Density:	1.246 g/cm ³
Molweight:	341.33 g/mol
Melting point:	<6 °C / <43 °F
Boiling point:	88 °C / 190 °F (2.7 mbar)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Water-Reactive, Flammable
Thermal decomposition:	
ADR/RID-class:	4.3
UN-no:	3398, PG I
IMDG-class:	4,3
UN-no:	3398, PG I
ICAO/IATA-class:	4,3
UN-no:	3398, PG I – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

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

Product Description

Name:	TRIS(TRIMETHYLSILYL)ANTIMONY
CAS-Number:	7029-27-8
Element:	Sb
Molecular Formula:	C ₉ H ₂₇ Si ₃ Sb

Quality Standards

EG Electronic Grade

Application

Antimony doping of SiGe, nanowires, ALD

Vapor Pressure

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