

TRIS(TRIMETHYLSILYL)ANTIMONY

TTMSiSb

 **Product description**

Name: TRIS(TRIMETHYLSILYL)ANTIMONY

CAS-Number: 7029-27-8

Application: Antimony doping of SiGe, nanowires, ALD

Element: Si/Sb

TRIS(TRIMETHYLSILYL)ANTIMONY

TTMSiSb

Physical Properties

Vapor pressure equat.: ca. 0.03 mbar at 25 °C

Density: 1.246 g/cm³

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 inert gas

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.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Application

Antimony doping of SiGe, nanowires, ALD



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