

TRIETHYLANTIMONY

TESb

 Product description

Name: TRIETHYLANTIMONY

CAS-Number: 617-85-6

Application: Sb – Precursor for MOCVD

Element: Sb

TRIETHYLANTIMONY

TESb

Physical Properties

Vapor pressure equat.: $\log(p(\text{Torr})) = 7.904 - 2183/T(\text{K})$

Density: 1.32 g/cm³

Molweight: 208.9 g/mol

Melting point: -29 °C / -20.2 °F

Boiling point: 161 °C / 321.8 °F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: Harmful if swallowed, harmful by Inhalation

Thermal decomposition:

ADR/RID-class: 4.2

UN-no: 3392

IMDG-class: 4.2

UN-no: 3392

ICAO/IATA-class: 4.2

UN-no: 3392 – AIRFREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

TESb.100.DOCK/10.150 100g / 150ccm cyl.

TESb.175.DOCK/10.150 175g / 150ccm cyl.

TESb.450.DOCK/10.400 450g / 400ccm cyl.

TESb.1100.DOCK/10.1000 1100g / 1000ccm cyl.

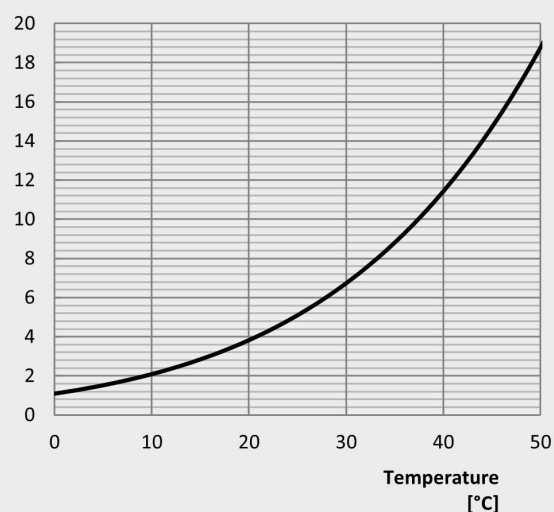
TESb.3500.DOCK/10.3000 3500g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Vapor Pressure
[mbar]



Application

Sb – Precursor for MOCVD



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