

TRIETHYLBORON

TEB

 Product description

Name: TRIETHYLBORON
CAS-Number: 097-94-9

Application: III/V MOCVD, GaAs, InP-based material system

Element: B

TRIETHYLBORON

TEB

Physical Properties

Vapor pressure equat.: $\log(p(\text{Torr})) = 8.343 - 1977/T(\text{K})$

Density: 0.67 g/cm³

Molweight: 97.99 g/mol

Melting point: -93 °C / -135 °F

Boiling point: 95 °C / 203 °F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: Toxic 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 - AIR FRIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

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

TEB.240.DOCK/10.400 240g / 400ccm cyl.

TEB.360.DOCK/10.600 360g / 600ccm cyl.

TEB.600.DOCK/10.1000 600g / 1000ccm cyl.

TEB.1800.DOCK/10.3000 1800g / 3000ccm cyl.

TEB.4800.DOCK/100.8000 4800g / 8000ccm cyl.

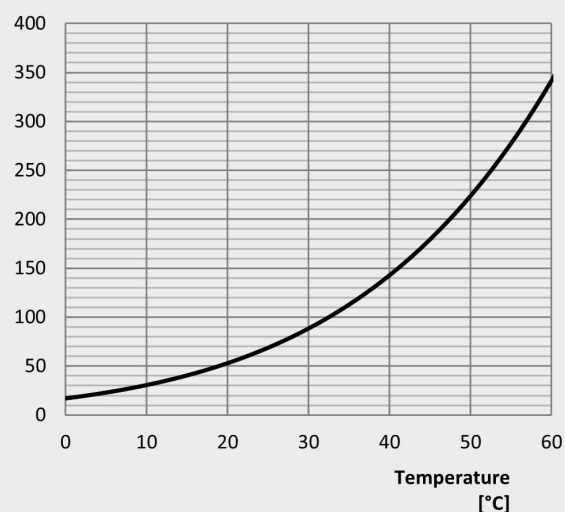
Quality Standards

EG Electronic Grade

NEAT

Vapor Pressure Curve

Vapor Pressure
[mbar]



Application

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