

TRIETHYLALUMINUM

TEAI

 Product description

Name: TRIETHYLALUMINUM

CAS-Number: 97-93-8

Application: III/V MOCVD, ALD

Element: Al

TRIETHYLALUMINUM

TEAI

Physical Properties

Vapor pressure equat.: $\log(p(\text{Torr})) = 8.23 - 2180 / (T(\text{K}) - 73.82)$

Density: 0.835 g/cm³

Molweight: 114.16 g/mol

Melting point: -52 °C / -62 °F

Boiling point: 186 °C / 367 °F

Sublimation point:

Chemical Properties

Stability: Stable under inert gas

State of matter: Liquid

Safety & Transport

Toxicity: n.a.

Thermal decomposition:

ADR/RID-class: 4.2

UN-no: 3394

IMDG-class: 4.2

UN-no: 3394

ICAO/IATA-class: 4.2

UN-no: 3394 – AIR FREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

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

TEAI.300.DOCK/10.400 300g / 400ccm cyl.

TEAI.450.DOCK/10.600 450g / 600ccm cyl.

TEAI.750.DOCK/10.1000 750g / 1000ccm cyl

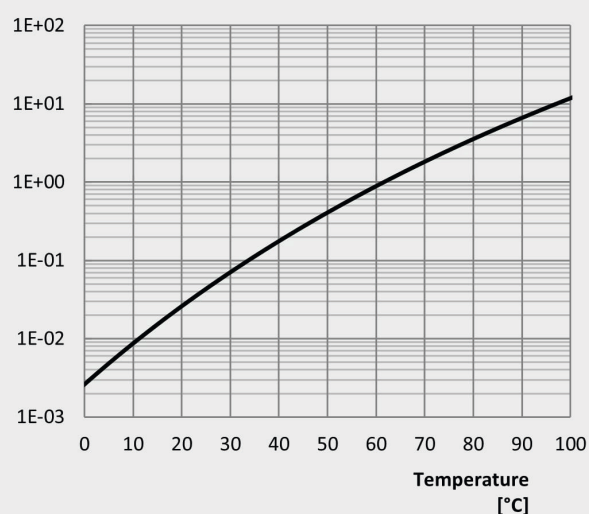
TEAI.2200.DOCK/10.3000 2200g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

Vapor Pressure Curve

Vapor Pressure
[mbar]



Application

III/V MOCVD, ALD



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