

TRIMETHYLGALLIUM

TMGa

 Product description

Name: TRIMETHYLGALLIUM
CAS-Number: 1445-79-0

Application: III/V MOCVD

Element: Ga

TRIMETHYLGALLIUM

TMGa

Physical Properties

Vapor pressure equat.: $\log(p(\text{Torr})) = 8.07-1703/T(\text{K})$

Density: 1.15 g/cm³

Molweight: 114.8 g/mol

Melting point: -16 °C / 3 °F

Boiling point: 56 °C / 133 °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

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

TMGa.350.DOCK/10.400 350g / 400ccm cyl.

TMGa.550.DOCK/10.600 550g / 600ccm cyl.

TMGa.1000.DOCK/10.1000 1000g / 1000ccm cyl

TMGa.3000.DOCK/10.3000 3000g / 3000ccm cyl.

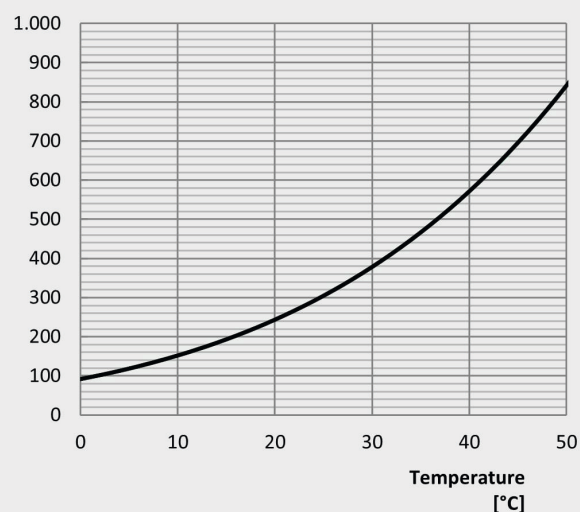
TMGa.7500.DOCK/100.8000 7500g / 8000ccm cyl.

Quality Standards

OEG Opto Electronic Grade

Vapor Pressure Curve

Vapor Pressure
[mbar]



Application

III/V MOCVD



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