

TRITERTIARYBUTYLGALLIUM

# TTBGa

 **Product description**

**Name:** TRITERTIARYBUTYLGALLIUM

**CAS-Number:** 55681-99-7

**Application:** Low Temperature decomposing Ga-Precursor for MOVPE

**Element:** Ga

# TRITERTIARYBUTYLGALLIUM

## TTBGa

### Physical Properties

Vapor pressure equat.:  $\log(p(\text{Torr}) = 8,35-2692/T(\text{K}))$

Density: n.a.

Molweight: 241.1 g/mol

Melting point: n.a.

Boiling point: 69 °C / 156 °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(4.3)

UN-no: 3394

IMDG-class: 4.2(4.3)

UN-no: 3394

ICAO/IATA-class: 4.2(4.3)

UN-no: 3394

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

### Packaging & Standard Filling Volumes

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

TTBGa.400.DOCK/10.400 100g / 150ccm cyl.

TTBGa.400.DOCK/10.400 400g / 400ccm cyl.

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

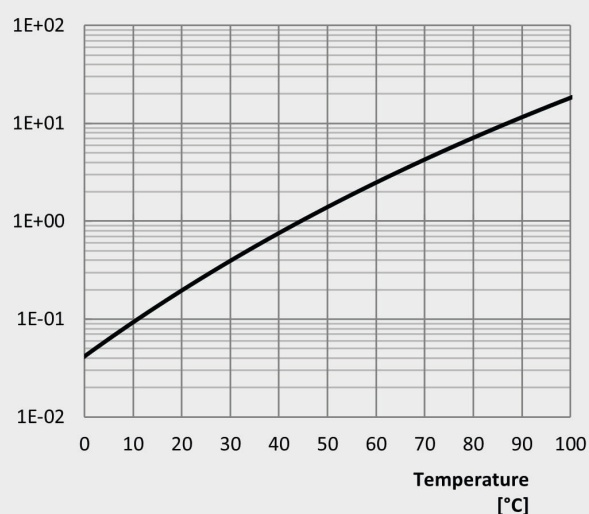
TTBGa.3000.DOCK/10.3000 3000g / 3000ccm cyl.

### Quality Standards

EG Electronic Grade

### Vapor Pressure Curve

Vapor Pressure  
[mbar]



### Application

Low Temperature decomposing Ga-Precursor for MOVPE



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