

TTBGa

TRITERTIARYBUTYLGALLIUM

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr}) = 8.35 - 2692/T(K))$
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 recommended storage conditions
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.

Product Description

Name:	TRITERTIARYBUTYLGALLIUM
CAS-Number:	55681-99-7
Element:	Ga
Molecular Formula:	$C_{12}H_{27}Ga$

Quality Standards

EG Electronic Grade

Application

Low Temperature decomposing Ga-Precursor for MOVPE

Vapor Pressure

