

TTBAI

TRITERTIARYBUTYLALUMINIUM

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 5,76-1558/T(\text{K})$
Density:	ca. 0.7 g/cm ³
Molweight:	198 g/mol
Melting point:	20 °C / 68 °F
Boiling point:	65-70 °C / 149-158 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under recommended storage conditions
State of matter:	Liquid

Safety & Transport

Toxicity:	Pyrophoric, Water-reactive, Skin/eye corrosion
Thermal decomposition:	
ADR/RID-class:	4.2(4.3)
UN-no:	3394, PG I
IMDG-class:	4.2(4.3)
UN-no:	3394, PG I
ICAO/IATA-class:	4.2(4.3)
UN-no:	3394, PG I – AIRFREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

TTBAI.100.DOCK/10.150	100g / 150ccm cyl.
TTBAI.350.DOCK/10.400	350g / 400ccm cyl.
TTBAI.2800.DOCK/10.3000	2800g / 3000ccm cyl.
TTBAI.7000.DOCK/100.8000	7000g / 8000ccm cyl.

Product Description

Name:	TRITERTIARYBUTYLALUMINIUM
CAS-Number:	4731-36-6
Element:	Al
Molecular Formula:	C ₁₂ H ₂₇ Al

Quality Standards

EG Electronic Grade

Application

III/V MOCVD, Low temperature CVD, ALD of Aluminum containing materials

Vapor Pressure

Vapor Pressure
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