

TRIMETHYLBISMUTH

# TMBi

 **Product description**

**Name:** TRIMETHYLBISMUTH  
**CAS-Number:** 593-91-9

**Application:** Bismuth precursor for dilute bismuth materialsystems

**Element:** Bi

# TRIMETHYLBISMUTH

## TMBi

### Physical Properties

Vapor pressure equat.:	$\ln(p(\text{Pa})) = 20.972 - 3197.86 / (T(\text{K}) - 42.374)$
Density:	2.3 g/cm <sup>3</sup>
Molweight:	254.08 g/mol
Melting point:	-86 °C / -122.8 °F
Boiling point:	110 °C / 230 °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:	3392
IMDG-class:	4,2
UN-no:	3392
ICAO/IATA-class:	4,2
UN-no:	3392 - AIR FREIGHT FORBIDDEN

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

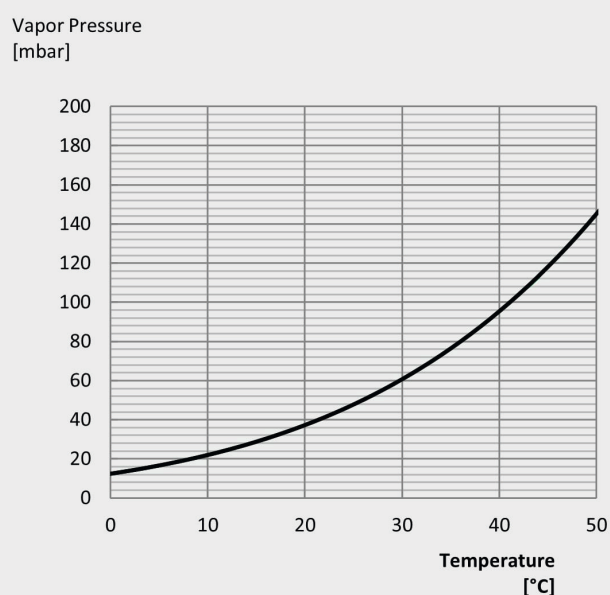
### Packaging & Standard Filling Volumes

TMBi.100.DOCK/10.150	100g / 150ccm cyl.
TMBi.300.DOCK/10.150	300g / 150ccm cyl.
TMBi.800.DOCK/10.400	800g / 400ccm cyl.
TMBi.2000.DOCK/10.1000	2000g / 1000ccm cyl.
TMBi.6000.DOCK/10.3000	6000g / 3000ccm cyl.

### Quality Standards

EG Electronic Grade

### Vapor Pressure Curve



### Application

Bismuth precursor for dilute bismuth materialsystems



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