SCIENCE DRIVEN SOLUTIONS

BTBMMo

BIS(TERT-BUTYLIMIDO)BIS(DIMETHYLAMIDO)MOLBYDENUM(VI)

Physical Properties

Vapor pressure equat.:	log(p(Torr)) = 9.8-3447/T(K)
Density:	ca. 1.3 g/cm³
Molweight:	326.35 g/mol
Melting point:	n.a.
Boiling point:	61 °C / 142 °F (0.027 mbar)
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Water-reactive, Skin/eye irritation, May cause respiratory irritation
Thermal decomposition:	
ADR/RID-class:	4.3(8)
UN-no:	3129, PG II
IMDG-class:	4.3(8)
UN-no:	3129, PG II
ICAO/IATA-class:	4.3(8)
UN-no:	3129, PG II – AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

BTBMMo.100.DOCK/10.150	100g / 150ccm cyl.
BTBMMo.400.DOCK/10.400	400g / 400ccm cyl.
BTBMMo.600.DOCK/10.600	600g / 600ccm cyl.
BTBMMo.1000.DOCK/10.1000	1000g / 1000ccm cyl.
BTBMMo.3000.DOCK/10.3000	3000g / 3000ccm cyl.

Product Description

Name:	BIS(TERT-BUTYLIMIDO)BIS(DIMETHYLAMIDO)MOLBYDENUM(VI)
CAS-Number:	923956-62-1
Element:	Mo
Molecular Formula:	$C_{12}H_{30}N_4Mo$

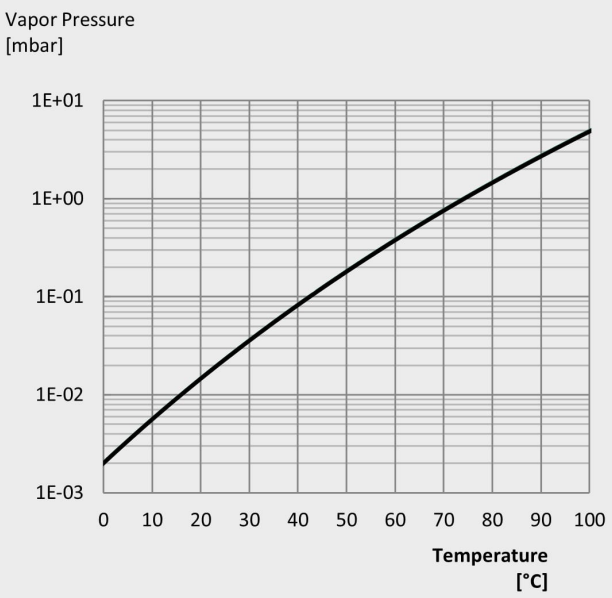
Quality Standards

DG Development Grade

Application

ALD and CVD precursor

Vapor Pressure



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