

DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Standard Molybdenum precursor for MOCVD

MO-CVD

BP: 61 °C/142 °F at 0.02 Torr

BTBMMo - BIS(TERT-BUTYLIMINO)BIS(DIMETHYLAMINO)MOLBYDENUM(VI)

PRODUCT DATASHEET

'BTBMMo - BIS(TERT-BUTYLIMINO)BIS(DIMETHYLAMINO)MOLYBDENUM(VI)

IDENTIFICATION

CAS-No:	923956-62-1
EC-No:	632-998-4
Other name:	-

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	$\log_{10}(p, \text{Torr}) = 9.8 - 3447/T(\text{K})$
Density:	n.a.
Molweight:	326.35 g/mol
Melting point:	n.a.
Boiling point:	61 °C/142 °F at 0.02 Torr

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	4.3
UN-no:	3399, PG I
IMDG	
IMDG -class:	4.3
UN-no:	3399, PG I
ICAO/IATA	
ICAO/IATA-class:	4.3
UN-no:	3399, PG I – AIR FREIGHT ALLOWED up to 1L

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

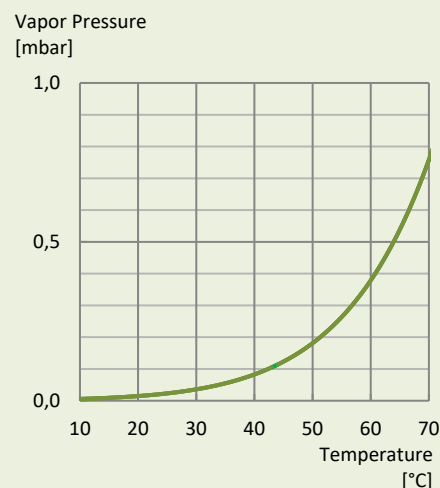
PACKAGING & STANDARD FILLING VOLUMES

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

QUALITY STANDARDS

DG Development Grade

VAPOR PRESSURE CURVE



APPLICATION

ALD and CVD precursor

**'DOCK/
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SEMICONDUCTORS DECISION

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PRODUCT DATASHEET

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