

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Standard Indium precursor for MOVPE

'MO-III/V

BP: 134 °C/273 °F/1013 hPa

'TMIn - TRIMETHYLINDIUM

PRODUCT DATASHEET

'TMIn - TRIMETHYLINDIUM

IDENTIFICATION

CAS-No:	3385-78-2
EINECS-No:	222-200-9
Other name:	-

'MO-III/V

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{Torr}) = 10.52 - 3014/T(\text{K})$
Density:	1.57 g/cm ³
Molweight:	160 g/mol
Boiling point:	134 °C/273 °F
Melting point:	88 °C/190 °F/1013 mbar

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	n.a.
Explosion limit Vol%:	Pyrophoric
Auto ignition temp. °C:	Pyrophoric
ADR/RID	
ADR/RID-class:	4.2
UN-no:	3393
IMDG	
IMDG-class:	4.2
UN-no:	3393
ICAO/IATA	
ICAO/IATA-class:	4.2
UN-no:	3393 – AIR FREIGHT FORBIDDEN

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

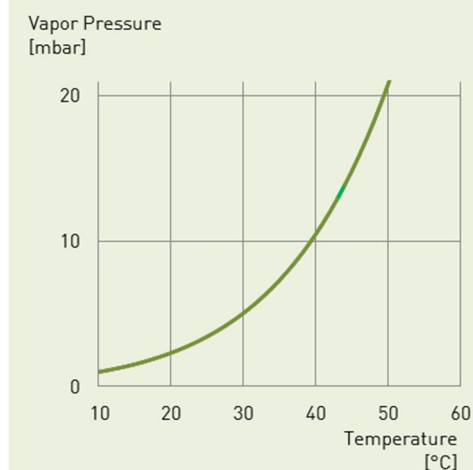
PACKAGING & STANDARD FILLING VOLUMES

TMIn.100.DOCK/10.150	100g / 150ccm cyl.
TMIn.200.DOCK/10.400	200g / 400ccm cyl.
TMIn.400.DOCK/10.600	400g / 600ccm cyl.
TMIn.750.DOCK/10.1000	750g / 1000ccm cyl.
TMIn.2000.DOCK/10.3000	2000g / 3000ccm cyl.

QUALITY STANDARDS

OEG Opto Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

III/V MOCVD

**'DOCK/
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PRODUCT DATASHEET

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