

'DOCK/ CHEMICALS

SEMICONDUCTORS DECISION



Liquid silicon-precursor for CVD applications

'MO-CVD

BP: 142 °C / 287.6 °F/1013 hPa

'TMOPSi - TRIMETHOXYPROPYLSILANE

PRODUCT DATASHEET

'TMOPSi - TRIMETHOXYPROPYLSILANE

IDENTIFICATION

CAS-No:	1067-25-0
EINECS/ELINCS-No:	213-926-7
Other name:	Propyltrimethoxysilane

'MO-CVD

PHYSICAL PROPERTIES

Vapor pressure:	93 hPa at 20 °C
Density:	0.932 g/cm ³ at 25 °C
Molweight:	164.27 g/mol
Melting point:	<-20 °C / -4 °F
Boiling point:	137 °C / 278.6 °F

CHEMICAL PROPERTIES

Stability:	Stable under recommended conditions
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:	3, PG III
UN-no:	1993
IMDG	
IMDG -class:	3, PG III
UN-no:	1993
ICAO/IATA	
ICAO/IATA-class:	3, PG III
UN-no:	1993 – AIR FREIGHT ALLOWED

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

PACKAGING & STANDARD FILLING VOLUMES

TMOPSi.100.DOCK/10.150	100g / 150ccm cyl.
TMOPSi.300.DOCK/10.400	300g / 400ccm cyl.
TMOPSi.500.DOCK/10.600	500g / 600ccm cyl.
TMOPSi.800.DOCK/10.3000	1000g / 1000ccm cyl.

QUALITY STANDARDS

97% neat material

VAPOR PRESSURE CURVE

n.a.

APPLICATION

Si precursor for CVD

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PRODUCT DATASHEET

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