

**'DOCK/
CHEMICALS**

SEMICONDUCTORS DECISION

$C_4H_{10}Te$

Te Precursor for III/V, II/VI and 2D materials

'MO-III/V

BP: 137 °C/278 °F/1013 hPa

'DETe - DIETHYLTELLURIDE

PRODUCT DATASHEET

'DETe - DIETHYLTELLURIDE

IDENTIFICATION

CAS-No:	627-54-3
EINECS/ELINCS-No:	211-002-8
Other name:	none

'MO-III/V

PHYSICAL PROPERTIES

Vapor pressure equat.:	$\lg p(\text{Torr}) = 7.99 - 2093/T(\text{K})$
Density:	1.59 g/cm ³
Molweight:	158.7 g/mol
Melting point:	n.a.
Boiling point (1013 mbar):	137 °C / 278 °F

CHEMICAL PROPERTIES

Stability:	Stable under inert gas
State of matter:	Liquid

SAFETY & TRANSPORT

Toxicity:	Corrosive
Explosion limit Vol%:	n.a.
Auto ignition temp. °C:	n.a.
ADR/RID	
ADR/RID-class:	3
UN-no:	1992
IMDG	
IMDG-class:	3
UN-no:	1992
ICAO/IATA	
ICAO/IATA-class:	3
UN-no:	1992 – AIR FREIGHT ALLOWED

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

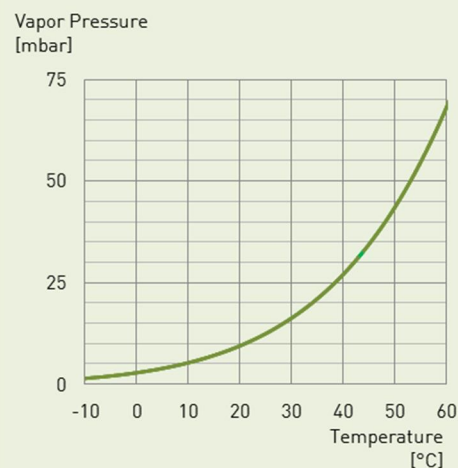
PACKAGING & STANDARD FILLING VOLUMES

DETe.100.DOCK/10.150	100g / 150ccm cyl.
DETe.200.DOCK/10.150	200g / 150ccm cyl.
DETe.550.DOCK/10.400	550g / 400ccm cyl.
DETe.850.DOCK/10.600	850g / 600ccm cyl.
DETe.1400.DOCK/10.1000	1400g / 1000ccm cyl.

QUALITY STANDARDS

EG Electronic Grade

VAPOR PRESSURE CURVE



APPLICATION

Te dopant for III/V

Precursor for II/VI and 2D materials

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PRODUCT DATASHEET

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