

DETe

DIETHYLTELLURIDE

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 7.99 - 2093/T(\text{K})$
Density:	1.59 g/cm ³
Molweight:	185.7 g/mol
Melting point:	n.a.
Boiling point:	137 °C / 278 °F
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Corrosive
Thermal decomposition:	
ADR/RID-class:	3
UN-no:	1992
IMDG-class:	3
UN-no:	1992
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.

Product Description

Name:	DIETHYLTELLURIDE
CAS-Number:	627-54-3
Element:	Te
Molecular Formula:	C ₄ H ₁₀ Te

Quality Standards

EG Electronic Grade

Application

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

Vapor Pressure

Vapor Pressure [mbar]

