SCIENCE DRIVEN SOLUTIONS

$TiCl_4$

TITANIUMTETRACHLORIDE

Physical Properties

Vapor pressure equat.:	log(p(Torr)) = 6.79094-1348.56/(T(°C)+208.52)
Density:	1.73 g/cm³
Molweight:	189.68 g/mol
Melting point:	-25 °C / -13 °F
Boiling point:	136 °C / 276 °F
Sublimation point:	

Chemical Properties

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

Safety & Transport

Toxicity:	Toxic by Inhalation, Corrosive
Thermal decomposition:	
ADR/RID-class:	6.1(8)
UN-no:	1838, PG I
IMDG-class:	6.1(8)
UN-no:	1838, PG I
ICAO/IATA-class:	6.1(8)
UN-no:	1838, PG I – AIR FREIGHT FORBIDDEN

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

Packaging & Standard Filling Volumes

TiCl4.100.DOCK/10.150	100g / 150ccm cyl.
TiCl4.230.DOCK/10.150	230g / 150ccm cyl.
TiCl4.600.DOCK/10.400	600g / 400ccm cyl.
TiCl4.900.DOCK/10.600	900g / 600ccm cyl.
TiCl4.1500.DOCK/10.1000	1500g / 1000ccm cyl
TiCl4.4600.DOCK/10.3000	4600g / 3000ccm cyl.

Product Description

Name:	TITANIUMTETRACHLORIDE
CAS-Number:	7550-45-0
Element:	Ti
Molecular Formula:	$TiCl_4$

Quality Standards

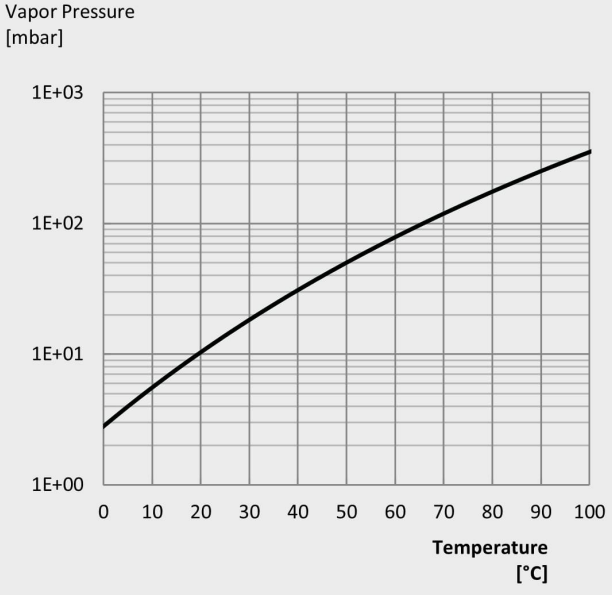
EG Electronic Grade

3N 99.9% Purity

Application

CVD and ALD precursor

Vapor Pressure



Dockweiler Chemicals GmbH
Emil-von-Behring-Strasse 76
Goerzhaeuser Hof M217
35041 Marburg, Germany

T +49 (0)6421 39-6380
F +49 (0)6421 39-6381
info@dockchemicals.com