

TETRAETHYLORTHOSILICATE

TEOS

 **Product description**

Name: TETRAETHYLORTHOSILICATE
CAS-Number: 78-10-4

Application: Si precursor for SiO₂ deposition

Element: Si

TETRAETHYLORTHOSILICATE

TEOS

Physical Properties

Vapor pressure equat.:	$\log(p(\text{Torr})) = 8.3905 - 2415.7/T(\text{K})$
Density:	0.93 g/cm ³
Molweight:	208.32 g/mol
Melting point:	-77 °C / -107 °F
Boiling point:	168 °C / 334 °F
Sublimation point:	

Chemical Properties

Stability:	Stable under inert gas
State of matter:	Liquid

Safety & Transport

Toxicity:	n.a.
Thermal decomposition:	
ADR/RID-class:	3
UN-no:	1292, PG III
IMDG-class:	3
UN-no:	1292, PG III
ICAO/IATA-class:	3
UN-no:	1292, PG III - AIRFREIGHT ALLOWED

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

Packaging & Standard Filling Volumes

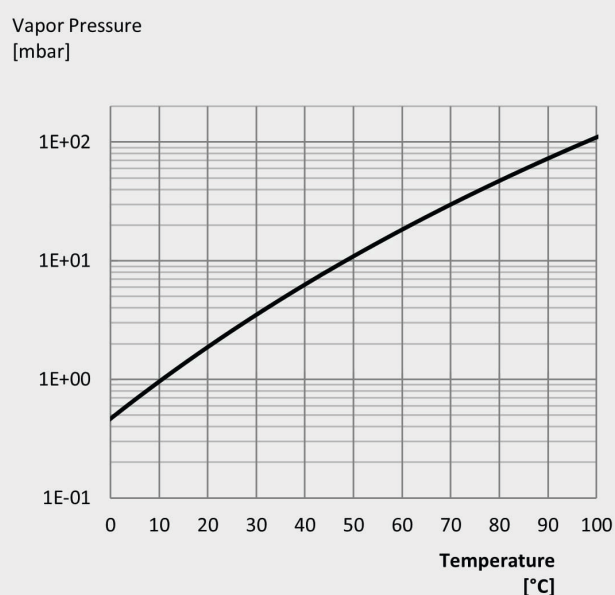
TEOS.100.DOCK/10.150	100g / 150ccm cyl.
TEOS.300.DOCK/10.400	300g / 400ccm cyl.
TEOS.800DOCK/10.1000	800g / 1000ccm cyl.
TEOS.2500.DOCK/10.3000	2500g / 3000ccm cyl.

Quality Standards

EG Electronic Grade

PG Pure Grade

Vapor Pressure Curve



Application

Si precursor for SiO₂ deposition



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

dockchemicals.com