

TEOS

TETRAETHYLORTHOSILICATE

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 recommended storage conditions
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.

Product Description

Name:	TETRAETHYLORTHOSILICATE
CAS-Number:	78-10-4
Element:	Si
Molecular Formula:	C ₈ H ₂₀ O ₄ Si

Quality Standards

EG Electronic Grade
PG Pure Grade

Application

Si precursor for SiO₂ deposition

Vapor Pressure

Vapor Pressure
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