

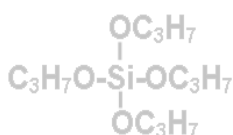
Organosilane TPOS

Product Description

Chemical Name: Tetra-n-Propoxysilane

Synonym: Tetrapropoxysilane, tetra-n-propyl silicate, tetra-n-propylorthosilicate, TNPS

Chemical
Structure



Empirical Formula (C₃H₇O)₄Si

Molecular Weight 264.44

CAS No. 682-01-9

EINECS No. 211-659-0

Typical Physical Properties:

Appearance	Colorless and transparent liquid
Specific Gravity, (25/25°C)	0.916
Refractive Index, n _D (25°C)	1.4010
Flash Point*	95°C (203°F)
Boiling Point	225°C (437°F)

* Determined by ASTM Method D 93 using the Pensky-Martens closed cup.

Commodity Specification

Appearance	Colorless and transparent liquid
Color (APHA)	20 max
Purity	98% min
Specific Gravity, (25/25°C)	0.915—0.918
Refractive Index, n _D (25°C)	1.4000—1.4020
PH	6.0—7.0

Application Direction

General Information: It is an important organosilicon coupling agent and cross-linking agent widely used in paints, coatings and silastic, etc.

Packing & Storage

Normally packed in 180 kg net drums UN approved, Can also packed in IBC (900 kg), sea-worthy for exporting

Stored in cool and dry air-flowing area preventing sunlight

Safety Materials

Material Safety Data Sheet (MSDS) is available separately

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ONICHEM shall not be held liable for any damage resulting from the use of the above product. The users are suggested to select the suitability of the products and methods of application.