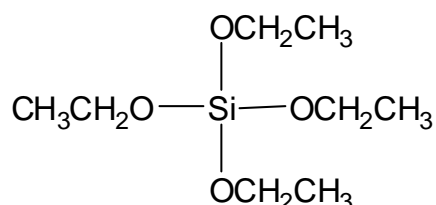


SiSiB[®] PC5420

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Tetraethoxysilane (TEOS)

SiSiB PC5420, the ethyl ester of orthosilicic acid, is a colorless, low-viscosity liquid with an SiO₂ content of 28.5%.



Typical Physical Properties

Chemical Name	Tetraethoxysilane
CAS No.	78-10-4
EINECS No.	201-083-8
Empirical Formula	C ₄ H ₂₀ O ₄ Si
Molecular Weight	208.33
Boiling Point	168°C [760mmHg]
Flash Point	46°C
Color and Appearance	Colorless transparent liquid
Density _{25/25°C}	0.934
Refractive Index	1.3838 [20°C]
Purity	Min 99.0%

Applications

- Be hydrolyzed to form silicon dioxide (silica).
- Crosslinkers in silicone rubber systems
- Drying agents in sealing compositions
- Inorganic binder for refractory fillers and pigments
- Coating material for pigments, fibers and other surfaces
- Chemical intermediate

Packaging and Storage

SiSiB PC5420 is supplied ready-to-use in 190 kg steel drums.

SiSiB PC5420 must be stored away from moisture. In a sealed container, the product has a shelf-life of 12 months with no loss of quality.