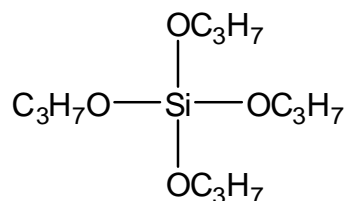


SiSiB[®] PC5430

- 1 -

Tetrapropoxysilane (TPOS)



SiSiB PC5430 [also called n-Propyl Silicate] is used as a cross-linking agent for silicon rubber, and as a modifying agent for organic and inorganic resins. The ethyl group of ethyl silicate is replaced by the N-propyl group, so the speed of hydrolysis is slower than ethyl silicate.

Typical Physical Properties

Chemical Name	Tetra-n-propoxysilane
Empirical Formula	C ₁₂ H ₂₈ O ₄ Si
Molecular Weight	264.44
Color and Appearance	Colorless transparent liquid
Density _{25/25°C}	0.916
Boiling Point	225°C [760mmHg]
Refractive Index	1.401 [20°C]
Flash Point	95°C
CAS No.	682-01-9
EINECS No.	N.A.
Purity	Min 98.0%
SiO ₂ content	22.5%