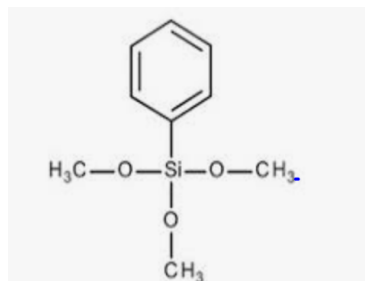


TECHNICAL DATA SHEET

Product Code: ACH Si-PYL-43

Chemical Name: Phenyltrimethoxysilane

CAS No.: 2996-92-1



Applications:

Phenyl functional silane can improve thermal stability of other silanes.

Phenyl functional silane can be used as other silanes and siloxanes intermediates.

Phenyl functional silane can be used for hydrophobic surface treatment.

Phenyl functional silane can be used as hydrophobic additive to other silane coupling agents.

ACH Si-PYL-43 is used to modify the surface of inorganic fillers such as wollastonite and aluminum tri-hydroxide. It makes the surface of these inorganic fillers more hydrophobic and thus increases their dispensability in mineral-filled polymers. ACH Si-PYL-43 is especially suited for polymers that are processed at elevated temperatures.

ACH Si-PYL-43 reduces the viscosity of the polymer melt. In many sol-gel applications.

ACH Si-PYL-43 is partially hydrolyzed to form a pre product that can be further crosslinked using temperature. This pre-hydrolysis is often made in conjunction with alkyl silanes or other organofunctional silanes, silicic acid esters, or even an aqueous silica sol.

Physical Properties and Specifications:

| | |
|--------------------------------------|------------------------|
| Appearance | Clear colorless liquid |
| Purity, % | 98.0 Min |
| Density (25 °C), g/cm ³ | 1.0620 +/-0.0050 |
| Refractive index (n ²⁵ D) | 1.4700 +/-0.0050 |

Standard Packaging:

200 kg net per drum. Other packing sizes are available upon request.

Revised on April 8,2020 .