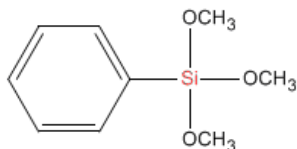


## CG-P13 Phenyltrimethoxysilane

### Chemical Structure:



### The Equivalent Products to other Manufacturers:

GE	Dowcorning	ShinEtsu	Degussa	Chisso
N.A	Z-6124	KBM-103	DY9165	N.A
	Z-6071		CP0330	

### Typical Physical Properties

Product No.:	CG-P13
Chemical Name:	Phenyltrimethoxysilane
CAS No.:	2996-92-1
EINECSNo.:	221-066-9
Formula:	C <sub>9</sub> H <sub>14</sub> O <sub>3</sub> Si
Appearance:	Colorless transparent liquid
Density( ρ 20, g/cm3):	1.0620 ± 0.0050
Refractive Index(n25D):	1.4680 ± 0.0050
Purity	98%

### 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.

CG-P13 is used to modify the surface of inorganic fillers such as wollastonite and aluminum trihydroxide. It makes the surface of these inorganic fillers more hydrophobic and thus increases their dispersability in mineral-filled polymers. CG-P13 is especially suited for polymers that are processed at elevated temperatures. CG-P13 reduces the viscosity of the polymer melt. In many sol-gel applications, CG-P13 is partially hydrolyzed to form a preproduct that can be further crosslinked using temperature. This pre-hydrolysis is often made in conjunction with alkyl silanes (CG-N123) or other organofunctional silanes (e.g. CG-O187), silicic acid esters, or even an aqueous silica sol.

### Packing:

210L Iron Drum: 200kg/drum

1000L IBC container : 1000kg/container

Xizou Economic Development Zone Industrial Park, Qufu, Shandong, China

Tel: 86-537-4631088

Fax: 86-537-4631369

www.silanechem.com

sales@silanechem.com

