

ChangFu® PHC311

3-Phenylpropyldimethylchlorosilane



Description	ChangFu® PHC311 is a chlorosilane with a phenyl functional group. Due to its unique physical and chemical properties, it performs excellently in surface modification of silica nanoparticles. Therefore, it's mainly utilized in the preparation of HPLC columns.
Features & Benefits	Specialty phenyl silane. Reacts rapidly with moisture/water. Excellent surface modifier of silica nanoparticles.
Applications	Used as a surface modifier in the preparation of functionalized silica nanoparticles, which are mainly used in high performance liquid chromatographic columns. Used for the surface modification and functionalization of inorganic minerals and fillers. Used as a starting material in chemical synthesis.

Typical Properties

Description	3-Phenylpropyldimethylchlorosilane
Product No.	ChangFu® PHC311
CAS No.	17146-09-7
Formula	C ₁₁ H ₁₇ ClSi
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

Package	Offered in 25L pails and 200L drums. Custom packaging is available.
Storage	Stored in a cool, well-ventilated place. Keep container tightly closed.
Transportation	See the corresponding Safety Data Sheet.