

ChangFu® PHX11

6-Phenylhexyldimethylchlorosilane



Description	ChangFu® PHX11 is a specialty phenyl silane with a hexyl chain. It has high reactivity and reacts violently with water. Its unique physical and chemical properties allow it to find its place in nanotechnology. It has been mainly utilized as a surface modifier of silica nanoparticles in the preparation of HPLC packing materials.
Features & Benefits	Phenyl chlorosilane with a long chain. Reacts rapidly with moisture and water. Excellent choice for surface modification and functionalization of nanoparticles.
Applications	Used as a surface modifier in the preparation of functionalized silica nanoparticles, which are mainly used in high performance liquid chromatographic packing materials. Used as a starting material and an intermediate in organic synthesis. Used for the surface modification and functionalization of inorganic minerals and fillers.

Typical Properties

Description	6-Phenylhexyldimethylchlorosilane
Product No.	ChangFu® PHX11
CAS No.	97451-53-1
Formula	C ₁₄ H ₂₃ ClSi
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

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