

Technical Data Sheet

ChangFu® PHX11

6-Phenylhexyldimethylchlorosilane



Description ChangFu® PHX11 is a highly reactive chlorosilane combining aromatic stability with long-chain hydrophobicity. Its unique structure makes it ideal for HPLC stationary phase, delivering improved peak resolution and column longevity.

Features & Benefits Reacts rapidly with moisture and water.
Excellent solution for silica functionalization.

Applications Used as a surface modifier for silica-based HPLC stationary phases.
Used as a key intermediate for organosilicon compounds synthesis.
Used as a surface treatment agent for nanoparticles, minerals, and inorganic fillers.

Typical Properties

Description	6-Phenylhexyldimethylchlorosilane
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Product No.	ChangFu® PHX11
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CAS No.	97451-53-1
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Formula	C14H23ClSi
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Purity	min 96%
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Color	Colorless or light yellow
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Appearance	Clear liquid
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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.