

Technical Data Sheet

ChangFu® C811
n-Octyldimethylchlorosilane



Description	ChangFu® C811 is a high-performance octyl chlorosilane for advanced surface engineering. Its long hydrocarbon chain and reactive chloro group enable exceptional hydrophobicity and bonding performance across diverse substrates.
Features & Benefits	C8 silane with superior hydrophobicity. Reacts violently with moisture/water. Ideal for reversed-phase C8 columns.
Applications	Used as a surface modifier for silica functionalization in C8 reversed-phase HPLC columns. Used for the surface modification and functionalization of metals, glass, and ceramics. Used as a precursor and a silylation reagent to produce organic silicon compounds. Used for hydrophobic modification of wood-plastic composites, fabrics, and polymers.

Typical Properties

Description	n-Octyldimethylchlorosilane
Product No.	ChangFu® C811
CAS No.	18162-84-0
Formula	C ₁₀ H ₂₃ ClSi
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid or solid

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.