

ChangFu® C831

n-Octyltrichlorosilane



Description ChangFu® C831 is a chlorosilane with long alkyl chains. It exhibits water repellency and can form a hydrophobic surface with high thermos-mechanical stability. With the presence of its unique properties, it not only serves as a good surface modifier of inorganic pigments and fillers, but also performs as an intermediate for organic synthesis.

Features & Benefits C8 silane with good hydrophobicity.
Excellent surface modification agent.
Corrosive to metals.

Applications Used as a raw material to produce other organosilane compounds.
Used as a coupling agent and adhesion promoter in the production of various polymers such as coating, adhesives, and sealants.
Used as a surface modifier of a variety of nanoparticles and fillers.
Used as a water repellent agent and can form a hydrophobic coating on various substrates.

Typical Properties

Description	n-Octyltrichlorosilane
Product No.	ChangFu® C831
CAS No.	5283-66-9
Formula	C ₈ H ₁₇ Cl ₃ Si
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

Package Offered in 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.