

Technical Data Sheet

ChangFu® C1833
n-Octadecyltriethoxysilane



Description ChangFu® C1833 is a long chain alkyl silane which has excellent hydrophobic properties. With the presence of its octadecyl group and three alkoxy groups, it performs well in a wide range of applications from coatings to nanotechnology.

Features & Benefits C18 silane with excellent hydrophobicity.
Able to improve compatibility.
Workable for surface modification.

Applications 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.
Used as a surface modification agent to improve corrosion resistance of metals.

Typical Properties

Description	n-Octadecyltriethoxysilane
Product No.	ChangFu® C1833
CAS No.	7399-00-0
Formula	C ₂₄ H ₅₂ O ₃ Si
Purity	min 95%
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.