

ChangFu® SP-C1632
Hexadecyltrimethoxysilane Oligomer

Description	ChangFu® SP-C1632 is an oligomer derived from controlled hydrolysis and condensation of Hexadecyltrimethoxysilane. It combines the excellent hydrophobicity of the long-chain alkyl group (C16) with the reactivity of the methoxy silane group.
Features & Benefits	Excellent durability & superior hydrophobicity Outstanding permeability and film-forming properties More eco-friendly and user-friendly compared to Hexadecyltrimethoxysilane
Applications	Used as an additive in coatings and inks to enhance the hydrophobicity, stain resistance, corrosion resistance, and adhesion of the coating. Used as a glass surface treatment agent to produce hydrophobic glass (anti-fog and easy-to-clean) for automotive, architectural, and optical applications. Used as a surface treatment agent for fillers (such as silicon dioxide) to improve the dispersibility and compatibility in polymer systems.

Typical Properties

Description	Hexadecyltrimethoxysilane Oligomer
Appearance	Colorless clear liquid or white solid
Melting Point, °C	~30

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