

ChangFu® SH33α

Mercaptomethyltriethoxysilane



Description ChangFu® SH33α is an organofunctional silane with a thiol group. It is more reactive than conventional mercaptopropyl silanes. Due to its excellent properties, it has been primarily employed as a coupling agent and a surface modifier in a wide range of applications.

Features & Benefits α silane with a thiol functional group.
Higher reactive than 3-Mercaptopropyltriethoxysilane, ChangFu® SH33.
Suitable for silica nanoparticles surface modification and functionalization.

Applications Used as a coupling agent and a surface modifier to produce filled elastomeric materials for rubber and tire, shoe soles, wires, and cables manufacturing.
Used as an additive to promote adhesion and bonding performance of organic polymers to inorganic surfaces.
Used for the surface modification of inorganic materials including silica nanoparticles, metals, and glass, etc.

Typical Properties

Description	Mercaptomethyltriethoxysilane
Product No.	ChangFu® SH33α
CAS No.	60764-83-2
Formula	C ₇ H ₁₈ O ₃ SSi
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

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.