

ChangFu® SH32α

Mercaptomethyltrimethoxysilane



Description ChangFu® SH32α is an alpha silane with a thiol functional group. It is much more reactive than mercaptopropyl silanes. As an excellent coupling agent, it is mainly utilized in nanoparticles surface treatment and functionalization.

Features & Benefits Organofunctional silane with a thiol group.
Effective surface modifier of silica nanoparticles.
Perform excellently on the reinforcement of silica filled rubber compounds.
Higher reactive than 3-Mercaptopropyltrimethoxysilane, ChangFu® SH32.

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

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|-------------|---|
| Description | Mercaptomethyltrimethoxysilane |
| Product No. | ChangFu® SH32α |
| CAS No. | 30817-94-8 |
| Formula | C ₄ H ₁₂ 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.