

ChangFu® SH33α

Mercaptomethyltriethoxysilane



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| 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 | <p>α silane with a thiol functional group.</p> <p>Higher reactive than 3-Mercaptopropyltriethoxysilane, ChangFu® SH33.</p> <p>Suitable for silica nanoparticles surface modification and functionalization.</p> |
| Applications | <p>Used as a coupling agent and a surface modifier to produce filled elastomeric materials for rubber and tire, shoe soles, wires, and cables manufacturing.</p> <p>Used as an additive to promote adhesion and bonding performance of organic polymers to inorganic surfaces.</p> <p>Used for the surface modification of inorganic materials including silica nanoparticles, metals, and glass, etc.</p> |

Typical Properties

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| Description | Mercaptomethyltriethoxysilane |
| Product No. | ChangFu® SH33α |
| CAS No. | 60764-83-2 |
| Formula | C7H18O3SSi |
| Purity | min 96% |
| Color | Colorless or light yellow |
| Appearance | Clear liquid |

Package Offered in 25L PE pails and 200L PVF steel drums.
Custom packaging is available.

Storage Stored in a cool, well-ventilated place.
Keep container tightly closed.

Transportation See the corresponding Safety Data Sheet.