

Technical Data Sheet

ChangFu® TTM32
[2-tris(trimethylsiloxy)silyl] trimethoxysilane



Description ChangFu® TTM32 is a terminal hyperbranched modified alkyl silane. Compared with general-purpose linear alkyl silanes, it can provide better hydrophobic performance and a more stable hydrophobic layer when modifying material surfaces.

Features & Benefits Better hydrophobic and oleophobic properties.
Excellent permeability and film-forming properties.
Strong interfacial adhesion and compatibility.

Applications Used for cleaning and anti-corrosion coatings, it can effectively block the penetration of moisture and corrosive media, enhance the adhesion of the coating and extend its protective lifespan.
Used for surface treatment of mineral fillers in composites, plastics, and rubber to improve strength, wear resistance, and anti-aging properties.
Used for moisture-proof protection in the electronic and optical fields, it can resist moisture erosion and enhance easy-cleaning characteristics.

Typical Properties

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|-------------|--|
| Description | [2-tris(trimethylsiloxy)silyl] trimethoxysilane |
| Product No. | ChangFu® TTM32 |
| Formula | C ₁₄ H ₄₀ O ₆ Si ₅ |
| Purity | min 95% |
| 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 the container tightly closed.

Transportation See the corresponding Safety Data Sheet.