

ChangFu® A32



3-Acryloxypropyltrimethoxysilane

Description ChangFu® A32 is a reactive silane monomer containing both acrylate functionality and trimethoxysilyl group in one molecule. It is mainly used as a silane coupling agent to form a durable bond between inorganic materials and organic polymers. It can also form a hydrophobic layer by lowering the surface tension and enhancing the wettability and dispersion.

Features & Benefits Reactive organic silane monomer.
Suitable for high-speed UV cure systems.
Excellent water resistance.
High thermal stability.

Applications Used as a silane coupling agent to enhance the mechanical and physical properties of polymers and composite materials, especially suitable in UV cure and epoxy systems.
Used for the preparation of optical fiber coatings and advanced electronic materials.
Used for the surface modification of nanoparticles and inorganic fillers.
Used to produce high strength and low shrinkage dental restoration materials.

Typical Properties

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|-------------|--|
| Description | 3-Acryloxypropyltrimethoxysilane |
| Product No. | ChangFu® A32 |
| CAS No. | 4369-14-6 |
| Formula | C ₉ H ₁₈ O ₅ Si |
| Purity | min 97% |
| 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.