

# Technical Data Sheet

ChangFu® A32

3-Acryloxypropyltrimethoxysilane



**Description** ChangFu® A32 is a dual-functional silane coupling agent that chemically bridges inorganic materials and organic polymers via covalent bonding. Its excellent properties make it ideal for applications requiring strong organic-inorganic bonding and moisture-resistant interfaces.

**Features & Benefits** Combines acrylate and alkoxy silyl functionalities.  
Suitable for high-speed UV cure systems.  
Moisture resistance and 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 strengthen and low shrinkage dental restoration materials.

## Typical Properties

Description	3-Acryloxypropyltrimethoxysilane
Product No.	ChangFu® A32
CAS No.	4369-14-6
Formula	C9H18O5Si
Purity	min 97%
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.