

ChangFu® EPC832

8-Glycidyoxyoctyltrimethoxysilane



Description ChangFu® EPC832 is a long chain silane monomer with high functionality. It has better flexibility, reactivity, and compatibility properties than commercial silane coupling agents. Due to its specialty characteristics and unique properties, it is primarily employed in the synthesis of various polymers, including adhesives, coatings, and composites.

Features & Benefits

- Glycidoxy functional silane.
- Performs well in microparticle surface modification.
- Excellent coupling agent and cross-linking agent.
- Provides polymers with enhanced mechanical strength and chemical resistance.

Applications

- Used as a coupling agent and adhesion promoter in the preparation of coatings and sealants.
- Used in the synthesis of copolymers with unique solubility and thermal performance.
- Used for grafting and surface modification of silicone containing polymers.
- Used to produce acrylate resin to reduce the surface energy of resin.
- Used as a surface modifier of various substrates such as microparticles, glass fiber, metals.

Typical Properties

Description	8-Glycidyoxyoctyltrimethoxysilane
Product No.	ChangFu® EPC832
CAS No.	1239602-38-0
Formula	C ₁₄ H ₃₀ O ₅ Si
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 container tightly closed.

Transportation See the corresponding Safety Data Sheet.