

ChangFu® EPO32

[3-(Glycidoxyethoxy)propyl]trimethoxysilane



Description	ChangFu® EPO32 is an epoxy functional silane coupling agent. The trimethoxysilyl group can form strong bonding with inorganic materials, while the terminal epoxy group can react with organic polymers. ChangFu® EPO32 is widely used in advanced materials and industrial fields with high requirements for interface bonding strength.
Features & Benefits	Excellent hydrophilicity. Wide applicability to epoxy resin systems. Improves the dispersion and compatibility of fillers with polymers.
Applications	Used in coatings and inks to improve the adhesion, wear resistance, and anti-corrosion performance of the coating on inorganic substrates. Used as a coupling agent in mineral-filled plastics to enhance filler dispersion, minimize filler settling tendencies, and substantially lower resin viscosity. Used in adhesives and sealants such as epoxy resins and polyurethanes to improve the adhesion and weather resistance to inorganic substrates e.g. glass, metals, and ceramics.

Typical Properties

Product No.	ChangFu® EPO32
Description	[3-(Glycidoxyethoxy)propyl]trimethoxysilane
CAS No.	118822-75-6
Formula	C ₁₁ H ₂₄ O ₆ 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.