

ChangFu® MA22α

Methacryloxymethylmethyldimethoxysilane



Description ChangFu® MA22α is a silane coupling agent containing a methacryloxy group. It is an alpha silane containing a methacryloxy group. It can improve strength of glass fiber composites and enhance the mechanical and electrical properties of many mineral-filled or reinforced composites. Due to its specialty chemical structure, it can highly promote the adhesion and durability of paints and coatings, adhesives, and sealants.

Features & Benefits Methacrylate functional silane.
Excellent coupling agent and adhesion promoter.
Suitable for UV curable silicone polymers preparation.
Important comonomer for free-radical polymerization.
Faster hydrolysis rate than that of Methacryloxypropyltrimethoxysilane.

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 microparticles.

Typical Properties

Description	Methacryloxymethylmethyldimethoxysilane
Product No.	ChangFu® MA22α
CAS No.	121177-93-3
Formula	C ₈ H ₁₆ O ₄ Si
Purity	min 96%
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.