

Technical Data Sheet

ChangFu® MA22 α
Methacryloxyethylmethyldimethoxysilane



Description	ChangFu® MA22 α is a silane coupling agent containing a α -position methacryloxy group. It has higher reactivity and faster hydrolysis speed than methacryloxypropyl silanes.
Features & Benefits	Dual-functionality. Able for free-radical polymerization. Ideal for UV curable silicone polymers preparation.
Applications	Used as a coupling agent and adhesion promoter for UV-cure coatings. Used as a coupling agent for structural adhesives and electronic encapsulants. Used for grafting and surface modification for silicone-acrylate hybrids. Used as a surface modifier for various nanoparticles.

Typical Properties

Description	Methacryloxyethylmethyldimethoxysilane
Product No.	ChangFu® MA22 α
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 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.