Technical Data Sheet

ChangFu® MA24

3-Methacryloyloxypropylbis(trimethylsiloxy)methylsilane

Description

ChangFu® MA24 is a highly reactive methacrylate functional silane. Its exceptional reactivity activated by heat or initiators enables copolymerization with acrylic acid, methacrylic acid, vinyl acetate, styrene, and other unsaturated double-bond monomers.

Features & Benefits

Improves water and oil repellency.
Able to improve crosslinking density.
Excellent copolymerization capability with various unsaturated monomers.

Applications

Used as an effective modifier in silicone-based hydrogel contact lenses, improving oxygen permeability while maintaining optical transparency.
Used in the synthesis of specialty copolymers with unique solubility and thermal properties.
Used for polymer grafting and substrate surface modification.
Used for acrylate resins to reduce surface energy.

Typical Properties

Description	3-Methacryloyloxypropylbis(trimethylsiloxy)methylsilane
Product No.	ChangFu® MA24
CAS No.	19309-90-1
Formula	C14H32O4Si3
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.