

ChangFu® BMA12

1,3-Bis(3-methacryloxypropyl)-1,1,3,3-tetramethyldisiloxane



Description	ChangFu® BMA12 is a highly reactive dual-end siloxane featuring methacrylate functional groups, offering superior thermal stability and crosslinking efficiency.
Features & Benefits	Dual methacrylate functionality. Low molecular weight, high crosslinking density. Able to undergo rapid UV/thermal curing.
Applications	Used in silicone hydrogel contact lenses to improve flexibility and oxygen permeability. Used in 3D printing resins to enhance precision, toughness, and curing performance. Used in dental composites to increase durability and wear resistance. Used in thermoset and thermoplastic resins to boost mechanical and electrical properties.

Typical Properties

Description	1,3-Bis(3-methacryloxypropyl)-1,1,3,3-tetramethyldisiloxane
Product No.	ChangFu® BMA12
CAS No.	18547-93-8
Formula	C ₁₈ H ₃₄ O ₅ Si ₂
Purity	min 97%
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.