

Technical Data Sheet

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
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Product No.	ChangFu® BMA12
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CAS No.	18547-93-8
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Formula	C ₁₈ H ₃₄ O ₅ Si ₂
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Purity	min 97%
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Color	Colorless or light yellow
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Appearance	Clear liquid
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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.