Technical Data Sheet

ChangFu® BMA12

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

Description	ChangFu® BMA12 is a specialty dual-end siloxane with high reactivity and thermal stability. In the presence of two methacrylate functional groups, it is easy to react with compounds containing unsaturated double bonds. It is also possible to perform as a crosslinker for polymers modification.
Features & Benefits	Dual-end siloxane with methacrylate functional group. High thermal stability. Highly reactive with various organic compounds. A lower molecular weight accompanied by a higher crosslinking density.
Applications	Used as an important auxiliary in the preparation of silicone hydrogel contact lenses, 3d printing materials, and dental compositions. Used to improve the mechanical and electrical properties of thermoset and thermoplastic resins. Used as a modification agent to produce silicone polymers exhibiting excellent durability.

Typical Properties

Description	1,3-Bis(3-methacryloxypropyl)-1,1,3,3-tetramethyldisiloxane
Product No.	ChangFu® BMA12
CAS No.	18547-93-8
Formula	C18H34O5Si2
Purity	min 97%
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.