

ChangFu® BN12



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

Description ChangFu® BN12 is a specialty dual-end siloxane with high reactivity. It contains aminopropyl reactive groups and usually performs as an end-capper for the preparation of silicone polymers including silicone oils and copolymers. It also shows surface activity and aggregation ability which is essential for nanomaterials applications.

Features & Benefits Bi-amino reactive groups.
No alkoxy functional group.
Superior thermal and moisture stability.
High purity grade with higher reactivity is available.

Applications Used to produce various silicone polymers with amino reactive functional groups.
Used for copolymerization modification of polyurethane, polyamide, polyimide, epoxy resin and other organic resins.
Used as a curing agent for epoxy molding compounds (EMCs), mainly applied in semiconductor components.
Used as an important additive for the preparation of softener and finishing agent of textiles.

Typical Properties

Product No.	ChangFu® BN12
Description	1,3-Bis(3-aminopropyl)-1,1,3,3-tetramethyldisiloxane
CAS No.	2469-55-8
Formula	C ₁₀ H ₂₈ N ₂ O ₂ Si ₂
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.