

### 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 <sub>10</sub> H <sub>28</sub> N <sub>2</sub> O <sub>2</sub> Si <sub>2</sub>
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.