Technical Data Sheet

ChangFu® BDN12α

1,3-Bis(2-aminoethylaminomethyl)-1,1,3,3-tetramethyldisiloxane

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Description

ChangFu® BDN12α is a dual-end amino siloxane with high reactivity. It has been employed to synthesize various siloxane polymers with amino reaction functional groups. Due to its specialty structure and outstanding properties, it's especially workable for copolymerization modification of organic resins such as polyurethane, polyamide, polyimide, epoxy resin, etc. It also finds function as a curing agent for epoxy molding compounds, mainly in semiconductor.

Features & Benefits

Specialty dual-end amino siloxane.
Superior thermal and moisture stability.
Higher reactive than ChangFu® BN12.

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 in semiconductor components.
Used as an important additive for the preparation of softener and finishing agent of textiles.

Typical Properties

Description	1,3-Bis(2-aminoethylaminomethyl)-1,1,3,3-tetramethyldisiloxane
Product No.	ChangFu® BDN12α
CAS No.	83936-41-8
Formula	C10H30N4OSi2
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.