

Technical Data Sheet

ChangFu® BDN12
1,3-Bis(3-aminoethylaminopropyl)-1,1,3,3-tetramethyldisiloxane



Description ChangFu® BDN12 is a dual-end siloxane compound with amino functional groups. It has high reactivity, low surface tension and lubrication properties. Due to these properties endowed by its chemical structure, it has gained great reputation in various applications ranging from organic synthesis to advanced composites manufacturing.

Features & Benefits Disiloxane with aminoethyl and aminopropyl groups.
Highly reactive with various organic compounds.
Low surface tension.

Applications Used as an important additive in the synthesis of silicone polymers that are mainly utilized in electronics, semiconductor, automobiles, and textile industries.
Used as a modifier for the modification of polyurethane, polyamide, and polyimide.
Used as a crosslinking agent and curing agent to improve the weatherability, hardness and elasticity of paints and coatings, sealants, and adhesives.

Typical Properties

Description	1,3-Bis(3-aminoethylaminopropyl)-1,1,3,3-tetramethyldisiloxane
Product No.	ChangFu® BDN12
CAS No.	17866-53-4
Formula	C ₁₄ H ₃₈ N ₄ OSi ₂
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.