

ChangFu® BSH12



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

Description ChangFu® BSH12 is a special silicon compound with mercaptopropyl functional groups. It's a highly reactive dual-end siloxane with low surface tension and high compatibility. With the presence of these remarkable properties, it has been utilized in a variety of applications ranging from organic synthesis to advanced materials preparation.

Features & Benefits Dual-end siloxane with mercapto functional groups.
High reactivity and low surface tension.
High compatibility with vinyl silicone oil.

Applications Used as a chain extender in the synthesis of silicone rubbers and resins which are mainly utilized in electronics, semiconductor, automobiles, and textile industries.
Used as a crosslinker and undergo addition reaction with vinyl group.

Typical Properties

Description	1,3-Bis(3-mercaptopropyl)-1,1,3,3-tetramethyldisiloxane
Product No.	ChangFu® BSH12
CAS No.	18001-52-0
Formula	C ₁₀ H ₂₆ OS ₂ Si ₂
Purity	min 95%
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.