

ChangFu® BEX32



1,6-Bis(trimethoxysilyl)hexane

Description ChangFu® BEX32 is a hexane compound containing two trialkoxysilyl groups. Its long chain and dipodal silane structure makes it helpful for the synthesis of a variety of polymers with lower shrinkage, higher flexibility, and better compatibility. It has been playing an important role in organic synthesis and advanced composites manufacturing.

Features & Benefits Hexane compound with alkoxy chains.
Good surface modifier and adhesion promoter.
Excellent crosslinker to produce resins with lower shrinkage and higher flexibility.

Applications Used as a coupling agent, an adhesion promoter and a crosslinker in the preparation of silicone-based polymers such as paints, coatings, sealants, and adhesives.
Used as a surface modifier for various nanoparticles and polymers.

Typical Properties

Description	1,6-Bis(trimethoxysilyl)hexane
Product No.	ChangFu® BEX32
CAS No.	87135-01-1
Formula	C ₁₂ H ₃₀ O ₆ Si ₂
Purity	min 96%
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.