

ChangFu® BU32



N,N-bis (3-Trimethoxysilylpropyl)urea

Description ChangFu® BU32 is a urea-based compound which contains two trimethoxysilylpropyl functional groups. With the presence of functional groups, it has high reactivities with various polymers and inorganic substances. Its remarkable physical and chemical properties make it greatly helpful for adhesion promoter and surface modification.

Features & Benefits Polymeric urea derivative.
Ability to crosslink with various materials.
Excellent surface modifier and adhesion promoter.

Applications Used as a coupling agent in the preparation of silicone-based polymers such as paints, coatings, sealants, and adhesives.
Used as an adhesion promoter to produce two-part condensation cure silicone rubbers.
Used as a surface modifier for nanoparticles and polymers.

Typical Properties

Description	N,N-bis (3-Trimethoxysilylpropyl)urea
Product No.	ChangFu® BU32
CAS No.	18418-53-6
Formula	C ₁₃ H ₃₂ N ₂ O ₇ Si ₂
Purity	min 95%
Color	Colorless or 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.