

Technical Data Sheet

ChangFu® BEN32
Bis[3-(trimethoxysilyl)propyl]ethylenediamine



Description ChangFu® BEN32 is an organosilicon compound that composed of two secondary amines and six hydrolysable methoxysilyl groups. With excellent physical and chemical properties, it has been mainly utilized in the surface modification and functionalization of nanoparticles and polymers.

Features & Benefits Diamine compound with high reactivity.
Effective coupling agent and surface modifier.
Better performance can be obtained when used in combination with conventional silanes.

Applications Used as a coupling agent and a crosslinking agent in the preparation of various polymers such as coatings, sealants, and adhesives.
Used to prepare hybrid silica membranes which show higher selectivity, improved thermal stability, and chlorine resistant performance.
Used as a surface treatment agent for metals such as steel, aluminum, to enhance corrosion resistance and improve adhesion.

Typical Properties

Description	Bis[3-(trimethoxysilyl)propyl]ethylenediamine
Product No.	ChangFu® BEN32
CAS No.	68845-16-9
Formula	C ₁₄ H ₃₆ N ₂ O ₆ Si 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.