

ChangFu® BM33

Bis(triethoxysilyl)methane



Description ChangFu® BM33 is a non-functional dipodal silane with the chemical formula $C_{11}H_{28}O_6Si_2$. It is an alkoxy silane which can hydrolyze to form a hydrophobic siloxane network. Due to its better performance than conventional silane coupling agents, this silane has been a unique monomer utilized in a wide range of industries.

Features & Benefits Non-functional silane.
Reacts slowly with moisture/water.
Ability to crosslink with various materials.
Able to enhance the bonding properties of polymers.
Excellent surface modifier to improve thermal stability and corrosion resistance.

Applications Used as a coupling agent and adhesion promoter in the preparation of paints, coatings, sealants, and adhesives, especially suitable for sol-gel system.
Used to prepare organic-inorganic hybrid silica membranes with effective separation performance.
Used as a surface modifier for inorganic materials such as metal, glass, ceramics, and fillers.

Typical Properties

Description	Bis(triethoxysilyl)methane
Product No.	ChangFu® BM33
CAS No.	18418-72-9
Formula	$C_{13}H_{32}O_6Si_2$
Purity	min 95%
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.