

ChangFu® BET33

1,2-Bis(triethoxysilyl)ethane



Description ChangFu® BET33 is a silane containing a non-functional ethane and a double trialkoxysilyl group. It is a hybrid compound which is formed by both organic and inorganic moieties interacting with each other. In the presence of 6 alkoxy groups, this dipodal silane can significantly promote the adhesion when used in combination with conventional silane coupling agents.

Features & Benefits Non-functional silane with highly reactivity.
Excellent wetting properties.
Ability to crosslink with various materials.
Ability to form up to 6 bonds to inorganic substrates.

Applications Used as a surface protection agent for metals such as steel, aluminum, to enhance corrosion resistance and improve adhesion strength.
Used to prepare hybrid silica membranes showing high selectivity, improved thermal stability, and chlorine resistant performance.
Used as a crosslinker in the synthesis of dental resin-based composites.

Typical Properties

Description	1,2-Bis(triethoxysilyl)ethane
Product No.	ChangFu® BET33
CAS No.	16068-37-4
Formula	C ₁₄ H ₃₄ O ₆ Si ₂
Purity	min 97%
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.