

ChangFu® LNE33

3-(Triethoxysilyl)propylaspartic acid diethyl ester



Description ChangFu® LNE33 is a silane coupling agent containing siloxy groups and active amino acid ester structures. It has excellent adhesion promotion, compatibility, and unique biological activity, making it an ideal choice for surface modification and organic synthesis, especially suitable for high-end waterproofing and anti-corrosion, and new energy environments.

Features & Benefits Good biocompatibility.
Internal plasticization and low viscosity effect.
Excellent adhesion promotion effect.

Applications Used for synthesizing silicone resins, silicone rubbers, or hybrid materials containing aspartate ester groups, endowing the materials with special reactive activity.
Used as surface modifier for glass, metal oxides, or nanoparticles, endowing them with corrosion resistance, antifouling properties, or biocompatibility.
Used as coupling agent in coatings, adhesives, and composite materials, especially suitable for enhancing the adhesion between polyurethane, phenolic resin and inorganic substrates.

Typical Properties

Description	3-(Triethoxysilyl)propylaspartic acid diethyl ester
Product No.	ChangFu® LNE33
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 the container tightly closed.

Transportation See the corresponding Safety Data Sheet.