

ChangFu® TRN32 Tris(3-(trimethoxysilyl)propyl)amine



Description ChangFu® TRN32 is a multifunctional compound containing tertiary amine and trimethoxy groups, which can significantly enhance the interfacial adhesion of composite materials. It can also serve as an excellent adhesion promoter for coatings and adhesives, playing an indispensable role in the field of material modification.

Features & Benefits Excellent adhesion promotion effect.
Higher cross-linking density and interfacial bonding force.
Hydrolysis can occur when exposed to moisture.

Applications Used as surface modifier for inorganic fillers, improving dispersibility and interfacial bonding in polymer matrices.
Used in electrical materials to enhance the adhesiveness, insulation, and moisture-heat resistance of electronic component packaging and circuit board coatings.
Used as silane coupling agents/crosslinking agents in epoxy, polyurethane and other systems to improve the bonding strength and durability to substrates such as glass and metal.

Typical Properties

Description	Tris(3-(trimethoxysilyl)propyl)amine
Product No.	ChangFu® TRN32
CAS No.	82984-64-3
Formula	C ₁₈ H ₄₅ NO ₉ Si ₃
Purity	min 92%
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.