Technical Data Sheet

ChangFu® DEN32
(N,N-Diethyl-3-aminopropyl)trimethoxysilane

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Description

ChangFu® DEN32 is a silane coupling agent containing tertiary amine functional groups, which can effectively enhance the bonding strength at the organic-inorganic interface, improve water and weather resistance. It is suitable for various application fields such as sealant, industrial coatings, and modified composite materials.

Features & Benefits

Excellent hydrophobicity & weather resistance
Free of N-H active hydrogen with high storage stability
Good compatibility with inorganic fillers and most organic solvents

Applications

Used as additives for coatings and inks such as phenolic, epoxy, polyurethane and acrylic resins to improve film adhesion, anti-corrosion and weather resistance.
Used in glass fiber, mineral-filled rubber and plastics, and low-smoke zero-halogen cable materials to optimize filler dispersion and strengthen interfacial bonding force.
Used as special auxiliaries for one-component PU, epoxy and silicone sealants, featuring both tackifying effect and system stability.

Typical Properties

Description	(N,N-Diethyl-3-aminopropyl)trimethoxysilane
Product No.	ChangFu® DEN32
CAS No.	41051-80-3
Formula	C10H25NO3Si
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.