

ChangFu® NCO32α

Isocyanatomethyltrimethoxysilane



Description ChangFu® NCO32α is an alpha isocyanatomethyl silane that has higher reactivity than isocyanatopropyl silanes. It has the ability of coupling agents to promote adhesion between organic polymers and inorganic substrates. It also performs excellently in the surface modification and functionalization of various nanoparticles.

Features & Benefits Isocyanate silane with high reactivity.
Excellent coupling agent and adhesion promoter.

Applications Used as a resin terminator and polymer modifier in the preparation of silane-terminated polymers and silyl-modified polyurethane polymers.
Used as a coupling agent to promote adhesion and a surface modifier to improve fillers dispersion in coating and sealants.
Used as a crosslinker of RTV and improve the bonding between rubber and substrates.

Typical Properties

Description	Isocyanatomethyltrimethoxysilane
Product No.	ChangFu® NCO32α
CAS No.	78450-75-6
Formula	C ₅ H ₁₁ NO ₄ Si
Purity	min 96%
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.