

ChangFu® NCO33α

Isocyanatomethyltriethoxysilane



Description ChangFu® NCO33α is an alpha silane consisting of one isocyanato functional group, one methyl group and three ethoxy groups. Compared to conventional isocyanatopropyl silanes, it has much higher reactivities. Mainly serving as a coupling agent, it has been playing an essential role in surface modification and adhesion promotion.

Features & Benefits Isocyanate functional silane.
Highly reactive.
Excellent coupling agent and adhesion promoter.

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

Typical Properties

Description	Isocyanatomethyltriethoxysilane
Product No.	ChangFu® NCO33α
CAS No.	132112-76-6
Formula	C ₈ H ₁₇ 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.