

Technical Data Sheet

ChangFu® NCO22

3-Isocyanatopropylmethyldimethoxysilane



Description ChangFu® NCO22 is a bifunctional silane combined with isocyanate functionality and alkoxy groups. It combines the functionality of an isocyanate group and alkoxy groups. Its alkoxy groups can form a reactive silanol structure after hydrolysis and then offer superior adhesion to a variety of inorganic materials.

Features & Benefits Bifunctional silane coupling agent.
Highly reactive. Selectively suitable for moisture curing system.
Coatings with improved anti-corrosion properties can be obtained.
Significantly enhance the thermal stability for polyurethanes, amines, and epoxy.

Applications Used as a resin terminator and polymer modifier in the preparation of silane-terminated polymers (MS polymers) and silyl-modified polyurethane polymers (SPUR polymers).
Used as a coupling agent to promote adhesion and a surface modifier to enhance fillers dispersion in coating and sealants.
Used as a crosslinker of RTV and improve the bonding between rubber and substrates.
Used in the synthesis of urea functional silanes and azide functional silanes.

Typical Properties

Description	3-Isocyanatopropylmethyldimethoxysilane
Product No.	ChangFu® NCO22
CAS No.	26115-72-0
Formula	C ₇ H ₁₅ NO ₃ Si
Purity	min 96%
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.