

# Technical Data Sheet

ChangFu® CN22

3-Cyanopropylmethyldimethoxysilane



**Description** ChangFu® CN22 is a cyano functional silane coupling agent with high reactivity. It combines a reactive cyano group with hydrolysable alkoxy functionality for versatile bonding.

**Features & Benefits** Broad compatibility.  
Enables rapid surface modification and strong interfacial adhesion.  
Ideal for advanced nanomaterials.

**Applications** Used as a key intermediate for functional silanes, cyano silicone oils and silicone rubbers.  
Used as a surface modifier for nanomaterials, inorganic fillers, and biopolymers.  
Used as a coupling agent in coatings, adhesives, and composites.

## Typical Properties

Description	3-Cyanopropylmethyldimethoxysilane
Product No.	ChangFu® CN22
CAS No.	153723-40-1
Formula	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> 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.