

ChangFu® CN11

3-Cyanopropyldimethylchlorosilane



Description ChangFu® CN11 is a cyano chlorosilane with high reactivity and strong polarity. It's a colorless liquid that can react rapidly with water. Its special physical and chemical properties make it perform significantly in surface modification and polymer functionalization.

Features & Benefits Highly reactive cyano silane.
Strong polar compound.
Reacts violently with moisture/water.
Significant surface modifier of nanoparticles.

Applications Used in the synthesis of various organosilicon compounds such as other functional silanes, cyano silicone oils and silicone rubbers.
Used as a silica modifier to in the production of chromatographic columns, exhibiting high stability and selectivity.
Used for the surface modification of nanoparticles and biopolymers.

Typical Properties

Description	3-Cyanopropyldimethylchlorosilane
Product No.	ChangFu® CN11
CAS No.	18156-15-5
Formula	C ₆ H ₁₂ ClNSi
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.