

Technical Data Sheet

ChangFu® CN33
3-Cyanopropyltriethoxysilane



Description ChangFu® CN33 is a functional silane containing a polar cyano group and three hydrolysable ethoxy groups. Its unique structure enables strong covalent bonding across interfaces, enhancing adhesion, durability, and compatibility in composites.

Features & Benefits Specialty silane monomer with dual reactivity.
Enhanced compatibility with polar resins in the presence of the cyano group.
Able to improve durability in harsh environments.

Applications Used as a surface modifier and dispersing agent for nanoparticles and inorganic fillers.
Used as a coupling agent for coatings and adhesives, enhancing the adhesion on glass, ceramics, and metals.
Used as an intermediate to produce functional silanes, cyano silicone oils and silicone rubbers.

Typical Properties

Description	3-Cyanopropyltriethoxysilane
Product No.	ChangFu® CN33
CAS No.	1067-47-6
Formula	C ₁₀ H ₂₁ 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.