

ChangFu® SP-NW27



Amino & alkyl functional siloxane oligomer in water

Description ChangFu® SP-NW27 is a new aqueous silane containing amino functional groups. Compared to traditional silicone resins, it can form a high-hardness film layer after curing, exhibiting excellent solvent and corrosion resistance. It has been mainly used for surface treatment of metal, glass, ceramics, and other materials. Its addition can significantly improve the salt spray resistance or adhesion of the film layer.

Features & Benefits No flammable organic components are released.
Especially suitable for polymer systems with water as the solvent.
No volatile organic compounds are released.
Excellent metal surface treatment agent.

Applications Used as an adhesion promoter improve the adhesion and compatibility for sealant, adhesive, paints, and coatings, especially suitable for water-based systems.
Used in the surface modification of inorganic fillers and metals, to improve the dispersion and wettability of fillers, improve surface adhesion and corrosion resistance of the substrates.
Used as an eco-friendly additive for the preparation of glass fiber reinforcement materials.

Typical Properties

Description	Amino & alkyl functional siloxane oligomer in water
Product No.	ChangFu® SP-NW27
Appearance	Colorless to light yellow clear liquid
Solid Content	28±0.5%
Viscosity	≤100 (m.Pas)
PH Value	>9

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.