

### ChangFu® SP-NW76



Di-amino functional siloxane oligomer in water

**Description** ChangFu® SP-NW76 is a new type of aqueous silane containing di-amino functional groups, which can be miscible with water in any proportion and soluble in organic solvents such as ethanol, methanol, and acetone. Compared with traditional silicone resins, it can form a high-hardness film layer after curing, showing excellent solvent and corrosion resistance. Due to its excellent properties, it has been widely used as a surface modifier of metal, glass, ceramics, and other materials.

**Features & Benefits** Eco-friendly silicone resin containing di-amino functional groups.  
No flammable organic components or volatile organic compounds are released.  
Especially suitable for polymer systems with water as the solvent.  
Able to improve the corrosion resistance and adhesion.  
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   | Di-amino functional siloxane oligomer in water |
| Product No.   | ChangFu® SP-NW76                               |
| Appearance    | Colorless to light yellow clear liquid         |
| Solid Content | 30±1%  |
| Viscosity     | ≤100   |
| PH Value      | >10  |

**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.