

ChangFu® SP-7630

Multifunctional Water-based Silicone Resin

Description	ChangFu® SP-7630 is a multifunctional, water-based silicone resin containing amino functional groups. When applied and heated, it forms a high-strength organic silicon coating with superior hardness, scratch resistance, solvent corrosion resistance, and strong adhesion to substrates.
Features & Benefits	<p>Eco-friendly: No organic solvents are produced during formulation or curing, making it safe and environmentally friendly.</p> <p>Water and Solvent Compatible: Can be mixed with water in any proportion and is also soluble in organic solvents like methanol, ethanol, and acetone.</p> <p>Metal Surface Treatment: Significantly improves salt spray resistance and adhesion of the film layer on metal surfaces.</p>
Applications	<p>Adhesion Promoter: Improves adhesion and compatibility in sealants, adhesives, paints, and coatings, especially for water-based systems.</p> <p>Surface Modification: Enhances the dispersibility, wettability, and surface adhesion of inorganic fillers and metals, improving their corrosion resistance.</p> <p>Glass Fiber Reinforced Materials: Acts as an environmentally friendly additive for preparing glass fiber reinforced materials.</p>
Typical Properties	
Appearance	Colorless or light-yellow clear liquid
Solid Content, wt%	30±1
pH Value	≥10
Viscosity, mPa.s	≤100
Package	Offered in 25L pails and 200L drums. Custom packaging is available.
Storage	Stored in a cool, well-ventilated place. Keep the container tightly closed.
Transportation	See the corresponding Safety Data Sheet.