



BX-SRS-502 Alcohol-soluble silicone resin

I. Product Description

Basic Features:

This product is a colorless transparent organic silicone resin ethanol solution which is formed by condensation of polyfunctional silicone monomer. The cured film is hard and transparent, has good insulation performance, friction resistance, heat resistance, aging resistance, radiation resistance shooting, not easy to embrittlement under low temperature, hydrophobic, moisture-proof, strong transmittance and other advantages. It can be used as hardening coating of transparent plastic such as organic glass (PMMA), polycarbonate (PC) , and glazing coatings of paper and ceramic.

It can also be used as insulating encapsulation coatings of electronic and electrical components under high temperature and high humidity conditions such as high frequency line circle.

At the same time, it can be used as protective coatings of all kinds of metalwork and decorative materials, to improve their wear resistance, aging resistance, water resistance, UV resistance and corrosion resistance.

II. Technical Specifications

Item	Index
Appearance	Colorless transparent liquid
Viscosity(4# cup 25°C) ,S	10-18
Solid content%	30±1
Drying time ≤	Surface drying 0.5h, 150 °C 1h

Note: The above data are for reference only and are not guaranteed technical specifications.



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III. Packaging and Storage:

This product is packed in 200 kg iron drum, stored in a cool and dry place, avoid direct sunlight, avoid acid and alkali contact. Stored and transported as dangerous goods.

IV. Instructions:

1. This product should avoid contact with acids, bases, organic salts and amines when used, otherwise it may accelerate curing, gelation and other phenomena occur, thus affecting the properties of products.
2. This product can be diluted with alcohol solvents such as methanol, ethanol, etc. The surface of the substrate to be treated should be cleaned well with ethanol, gasoline or acetone. After solvent volatilization, curing can be accelerated by baking.