

## L-9841W 4-functional Silver Row UV Polyurethane Resin

### Description

**L-9841W** is a water dispersion 4-functional UV polyurethane acrylic resin modified by a special process. It has good water solubility, good adhesion, good silver arrangement, good wear resistance, and yellowing resistance. It can be co-soluble with other water-based UV resins.

### Technical data

|                                    |              |
|------------------------------------|--------------|
| Appearance                         | White lotion |
| Viscosity (25°C, CPS)              | 10-20        |
| Solid content (%)                  | 40±2         |
| Density (g/cm <sup>3</sup> , 25°C) | 1.1±0.05     |
| PH value                           | 7-9          |
| Functional groups                  | 4            |

### Performance

Good water solubility, good water dilubility  
Good adhesion to conventional plastic substrates  
Good silver row effect and good pigment wettability  
Better wear resistance and boiling resistance

### Applications

Water-based wood sealing primer, topcoat, water-based paper UV, water-based plastic UV, water-based UV protective varnish for leather and artificial leather, etc.

### Precautions

1. The diluent is tap water: isopropyl alcohol (or ethanol) 1:1. Solvents such as PMA can also be appropriately added to the formula;
2. The resin can be used alone to formulate a varnish, which can be used for sealing protection or gloss decoration on metal or wooden surfaces;
3. If it is applied to non-absorbent material surfaces and has high requirements for resistance to chemicals and solvents, it must be dried with hot air before UV curing;
4. The curing condition is a UV lamp with a power of 3000W or above. The distance between the lamp and the object to be illuminated is within 7CM for the fastest curing speed and the best effect. If the distance is greater than this distance, the illumination time needs to be extended appropriately.

### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature( 25°C) and under ventilation. 20KG/200KG/barrel

**Tips:L-9841W has good silver row effect, good adhesion and good RCA resistance.**

Note: Technical data represents typical values only. In view of the differences in formulas, production process, conditions, all the above statements must be adjusted according to the actual situation, our company does not make any promises. Our company reserves the right to reform its products without prior notice of any changes.