

## L-2900 Self-healing PU Resin

### Description

**L-2900** specially modified PU resin. After cross-linking reaction with isocyanate, an interpenetrating network structure system is formed. After mixing, toughness and plasticity of base material are outstanding. After drying and film formation, scratches on the surface will not cause a fracture response, and it has good anti-scratch and quick repair effects. The paint film has characteristics of good fullness, good aging resistance, and self repair function. It is suitable for high-requirements automotive protective films, automotive interior parts, motorcycle helmet protective coatings and other fields. It is also a good product for adjusting flexibility of coating films.

### Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	30 - 120
Solid content %	55±2
OH value (solid)	130mgKOH/g
OH% (solid)	3.9
Acid value (solid)	2-5mgKOH/g
Solvent	Butyl ester

### Performance

The coating film has instant self-healing performance in seconds.

Good aging resistance

Good chemical resistance

Good adhesion to PVC, TPU, ABS, PC, ABS+PC and other materials

### Applications

Invisible car coatings for automobiles, self-healing coatings for high-end electronic products, self-healing coatings for motorcycles, etc.

### Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature( 25°C) and under ventilation.

This product will be packed into 20KG/25KG/200KG/barrel

**Tips: L-2900 coating film has instant self-healing performance and will repair faster after being heated (such as using 60°C hot water).**

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.