

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	Translucent 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

Product Features

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

Self-healing coatings for automotive paint protection films, self-healing coatings for high-end electronic products, self-healing coatings for motorcycles, etc.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 25kg / 200 kg per drum

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.