

L-6203 High Efficient 2-functional Polyurethane Resin

Description

L-6203 is a highly efficient polyurethane resin, recommended to apply on light curing field such as coating, ink, adhesive. As a free radical curing main film formation resin, L-6203 has better overall performance and stretchability than L-6200C, with good adhesion on various plastics, excellent adhesion between vacuum platings, extremely excellent covering property on various metal coatings, good fullness on rugged surfaces and defective substrates, the coating surface is non yellowing and not easy to collapse after water boiling, suitable for higher-requirements coating and ink system application.

Technical data

Appearance	Light yellow clear transparent liquid
Viscosity (60°C, CPS)	65,000 - 85,000
Chroma (Gardner)	≤2
UV component (%)	100
Acid value (mg KOH/g)	≤1
Refractive index	1.479
Shore hardness	66A
Tensile strength (MPa)(ASTM D882)	5.1
Elongation at break (%) (ASTM D882)	61.2
Functional group	2

Performance

Used as the main resin in vacuum coating primer
Excellent interlayer adhesion, good flexibility and high covering property
Low shrinkage, certain stretchability and elasticity

Applications

Widely used in vacuum plating primer, UV nail polish base gel/color gel, UV ink, UV plastic varnish, 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/200KG/barrel

Tips: L-6203 has high performance, flexibility, good plating, stretchability, and high covering property.

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.