

L-6200C Good Plating Property UV Polyurethane

Description

L-6200C is 2-functional UV polyurethane resin with good plating property, recommended for light-curing applications such as coatings, inks, and adhesives. As a free radical curing main film-forming resin, L-6200C has excellent flexibility and curing speed, excellent adhesion on various plastic substrates, and also has good bonding force between vacuum coating layers. It has good low-energy curing and drying performance on aluminum plating process primers. The aluminum film of the reflective cup product does not emit blue fog when irradiated, the paint film has good covering power and maintains good wetting and leveling properties.

Technical data

Appearance	Light yellow transparent liquid
Viscosity (60°C, CPS)	22,000 - 35,000
Chroma (Gardner)	≤2
UV component (%)	100
Acid value (mg KOH/g)	≤1
Refractive index	1.474
Shore hardness	60A
Tensile strength (MPa)(ASTM D882)	12.6
Elongation at break (%) (ASTM D882)	51.7
Functional group	2

Performance

Used as the main resin in vacuum coating primer, with good inter-layer adhesion
Excellent adhesion, good flexibility, high covering power
Low shrinkage, acid and alkali resistance. good impact resistance

Applications

Vacuum plating primer, UV soft touch paint, UV ink, UV plastic varnish, 3D printing, 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-6200C has excellent plating properties, drying properties, and reaction speed. The paint film does not lift the bottom, has good leveling, and good-resistance to shrinkage holes.

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.