

L-6605 High Viscosity UV Polyurethane Resin

Description

L-6605 Low-shrinkage 6-functional UV polyurethane resin, recommended for hard high-performance light-curing applications such as coatings, inks, inkjet, 3D printing, etc., with high cross-linking density, hard but not brittle paint film, good adhesion, high leveling gloss, yellowing resistance, good wetting and leveling properties, weather resistance, easy to matting.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C,CPS)	75,000 - 120,000
Chroma (Gardner)	≤1
UV component (%)	100
Acid value (mg KOH/g)	≤1
Refractive index	1.492
Shore hardness	86D
Functional group	6

Performance

High reaction speed, high hardness, coating film is hard but not brittle, no chipping
Good leveling, high fullness, high gloss
Good chemical resistance, vibration wear resistance, and RCA resistance

Applications

Widely used in UV high-gloss varnish, UV plastic coating, UV vacuum plating primer, UV screen printing varnish, UV transfer adhesive, 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-6605 is a high-viscosity resin that mainly provides paint films with high gloss, high hardness which is hard but not brittle, and low shrinkage.

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.