

L-6604 Low Viscosity UV Polyurethane Resin

Description

L-6604 is a low viscosity aromatic hexafunctional urethane acrylate resin. The product has characteristics of high hardness, high gloss, high wear resistance, high curing rate, low energy curing, good adhesion, low viscosity, good pigment wettability etc.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	1,000 - 2,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	≤2
Refractive index	1.485
Shore hardness	85D
Functional group	6

Performance

Low viscosity, low shrinkage, good wettability of pigments
High solid content, high hardness, high brightness, high wear resistance
High curing rate
Good surface dryness
Low energy curing

Applications

UV high gloss varnish, UV plastic coatings, UV silk screen varnish, UV wood coatings, UV ink, 3D printing UV 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-6604 has fast reaction speed, high hardness, low viscosity and good color addition.

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.