

L-6608 High viscosity 6-functional UV polyurethane resin

Description

L-6608 high viscosity 6-functional UV polyurethane resin is recommended for hard high performance light curing applications such as coatings, inks, UV vacuum plating, UV screen printing inks, UV offset printing inks, etc. It has high crosslinking density, hard but not brittle paint film, excellent surface drying, and only requires very low energy to dry on thin coatings. When diluted with 30% of active diluents, it still has excellent surface drying properties, high leveling gloss, good wetting and leveling properties, and weather resistance.

Technical data

Appearance	Clear transparent liquid
Viscosity (60°C, CPS)	15,000-20,000
Chroma (Gardner)	≤1
UV content (%)	100%
Acid value (mg KOH/g)	≤1
Refractive Index	1.501
Shore Hardness	83D
Functional Group	6

Performance

High reaction speed, high hardness, excellent surface dryness
Good leveling, high fullness, high gloss
Good chemical resistance, high viscosity

Applications

Widely used in UV high gloss varnish, UV plastic coating, UV vacuum basecoat and topcoat, UV transfer coating, UV silk screen ink, UV offset ink, etc.

Storage

To prevent the product from being highly active and causing a polymerizing reaction, please seal it and store it away from heat sources and sunlight. The recommended storage temperature is no higher than 30°C. Unused products must be sealed and stored in a timely manner. Do not store them in the open. At 25°C and well ventilated, the safe storage period is 6 months.
20KG/25KG/200KG/barrel

Tips: L-6608 is a high viscosity 6-functional resin. After being diluted with active diluent, its surface dry performance is still excellent.

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.