

L-6127 Low Viscosity 8-functional Hyperbranch Polyester

Description

L-6127 is an 8-functional group hyperbranched polyester acrylate with low viscosity, fast curing speed, high gloss, high leveling, good surface drying, etc.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	1,200 - 2,000
Color Value (Gardner)	≤1
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤2
Refractive Index	1.485
Shore Hardness	84D
Functional Group	8

Product Features

Low viscosity, high strength
Fast curing speed, suitable for LED curing
High gloss and excellent leveling
high crosslinking and hardness

Applications

UV high-gloss varnishes; UV plastic coatings; UV screen printing varnishes; UV wood coatings; PVC floor coatings; and UV pigmented inks, etc.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 200 kg drums.

Tips: L-6127 features high hardness, excellent leveling, fast reactivity, high film build, and good 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.