

L-6317 Low Viscosity 3-functional UV Polyurethane

Description

L-6317 is an aliphatic 3-functional polyurethane resin, a classic type of lard-like resin, which has the characteristics of good flexibility, good matting, low surface tension, and fast curing speed. L-6317 used in spc flooring, vacuum coating primer, topcoat, UV varnish, UV ink and nail polish system, it can significantly improve the toughness, drying, wear resistance and leveling of the paint film.

Technical data

Appearance	Transparent liquid
Viscosity (25°C,CPS)	3,500 - 8,000
Chroma (Gardner)	≤1
UV component (%)	100
Acid value (mg KOH/g)	≤1
Refractive index	1.511
Shore hardness	70D
Tensile strength (MPa)(ASTM D882)	6.2
Elongation at break (%) (ASTM D882)	8.3
Functional group	3

Performance

Good moisturizing and wrapping properties for matte powder, and easy matting

Good toughness and excellent wear resistance

Good yellowing resistance

Applications

Widely used in SPC flooring, PVC flooring, UV ink, soft touch UV paint, UV plastic coating, 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-6317 is a 3-functional polyurethane with fast reaction speed, low viscosity, good toughness and good wear resistance.

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.