

L-6314 Easy Matting 3-functional UV Polyurethane

Description

L-6314 is an aliphatic 3-functional aliphatic polyurethane resin, which has the characteristics of good flexibility, fast curing speed, soft coating and yellowing resistance. L-6314 can be used for vacuum coating primers, top coats, UV varnish, it can adjust flexibility in UV ink and nail polish system, and can provide matting property in PVC flooring.

Technical data

Appearance	Transparent paste-like
Viscosity (60°C,CPS)	6,000 - 15,000
Chroma (Gardner)	≤1
UV component (%)	100
Acid value (mg KOH/g)	≤1
Refractive index	1.475
Shore hardness	76A
Tensile strength (MPa)(ASTM D882)	2.3
Elongation at break (%) (ASTM D882)	22.7
Functional group	3

Performance

Good moisturizing and wrapping properties for matte powder, and easy matting
Good toughness and excellent wear resistance
Good resistance to yellowing

Applications

Widely used in SPC flooring, PVC flooring, 3D printing, UV transfer glue, 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-6314 is a trifunctional polyurethane that has both hardness and toughness, excellent yellowing resistance and is easy to matt.

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.