

L-6318 Easy Matting 3-functional UV Polyurethane

Description

L-6318 is a special modified aromatic polyurethane acrylic UV resin with low viscosity, fast curing speed, high toughness of the coating, scratch resistance, and excellent matting property (adding a small amount of matte powder can make the matteness below 10 degrees). It is highly recommended for use in SPC flooring, PVC flooring, UV inks, UV plastic coatings, and nail gel applications.

Technical Data

Appearance	Colorless or light yellow transparent liquid
Viscosity (25°C, CPS)	3000-7000
Density (25°C,g/cm³)	1.1±0.1
UV Content (%)	100
Acid Value (mg KOH/g)	≤3
Shore Hardness	60D
Refractive Index	1.491
Tensile Strength (MPa)(ASTM D882)	17.58
Elongation at Break (%) (ASTM D882)	35.3
Functional Group	3

Product Features

Low viscosity, fast curing
Good film toughness and scratch resistance
Excellent matting property

Applications

Widely used in SPC floor, PVC floor, UV inks, UV plastic coatings, UV nail polish, etc.

Storage Conditions

To prevent polymerization or gelation due to the high reactivity of this product, it should be stored in sealed containers, away from heat and direct sunlight. The recommended storage temperature is not above 30 °C. Unused product must be promptly resealed and should not be left open. Under normal conditions (25 °C, ventilated), the safe storage period is 6 months. If stored below 40 °C, the product may form clumps or a paste, which is a normal phenomenon; heating or baking will dissolve it and will not affect its performance. Available packaging: 20 kg / 200 kg drums.

Tips: L-6318 is very suitable for PVC floor and SPC floor.

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.