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), highly recommended for use in SPC floors, PVC flooring, UV ink, UV plastic coating and nail polish and other fields.

Technical data

Appearance	Colorless or light yellow transparent liquid
Viscosity (25ºC, CPS)	3000-7000
Density (25℃,g/cm³)	1.1±0.1
UV component (%)	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

Performance

Low viscosity, fast reaction speed;

Good toughness of the coating film, low shrinkage;

Excellent matting property

Applications

Widely used in SPC floor, PVC floor, UV ink, UV plastic coating, UV nail glue, etc.

Storage

In order to prevent the product from polymerization and gelation reactions, please seal it and store it away from heat sources and sunlight. It is recommended that the storage temperature is not higher than 30℃. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. At room temperature of 25℃, under ventilation, the safe storage period is 6 months. When the temperature is lower than 40 degrees, it may precipitate and form a paste, which is a normal phenomenon and not affecting the performance. It will dissolve after heating and baking. 20KG/200KG/Barrel

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.