

L-6212 Ultra-low Viscosity 2-functional Polyurethane Resin

Description

L-6212 is a specially modified grafted UV polyurethane resin. 6212 resin is cured alone to form a film with excellent softness and toughness. It is used in coatings with high toughness requirements such as high flexibility, T-bending molding, and IMD. The cured film shrinkage of 6212 resin is very small, and it has good adhesion to plastic substrates with low polarity: PET, PE, PP and metal substrates: iron, aluminum, copper, etc. 6212 resin has ultra-low viscosity and strong dilubility. It can be used as a monomer to improve the flexibility and adhesion of the coating. 6212 resin has good compatibility with various UV resins and can be used in various UV coatings, UV inks, UV inkjet, UV varnish, and UV roller coating.

Technical data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	25-50
Chroma (Gardner)	≤1
UV component (%)	100
Density (25°C,g/cm ³)	1.1±0.1
Acid value (mg KOH/g)	1-4
Refractive index	1.486
Shore hardness	87A
Functional group	2

Performance

Low viscosity, good leveling, high flexibility, good toughness
Excellent pigment wetting properties, low viscosity pigments and good anti-settling properties

Applications

UV adhesive, UV varnish, UV plastic coating, UV inkjet, UV screen printing ink, large-area UV coating of PVC floors, PVC leather, paper, 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/25KG/200KG/barrel

Tips: L-6212 is ultra-low viscosity, full solid content, halogen-free and has no irritating odor.

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.