

L-6411 Monocoat silver UV Polyurethane Resin

Description

L-6411 is a specially modified highly reactive 4-functional polyurethane acrylate resin. The product has low shrinkage, good adhesion, good leveling, resistance to hand sweat and cosmetics, and resistance to solvent thinning. It has excellent adhesion properties to PC, ABS, PMMA, aluminum and other substrates. It can also achieve good adhesion when used alone. It also has good adhesion properties to paper, wood, metal and other substrates. It can be used as the main resin of various UV varnishes and vacuum plating UV topcoats with high requirements such as wear resistance, and the main resin of color-added UV coatings.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C,CPS)	1,000 - 2,500
Chroma (Gardner)	≤1
UV component (%)	76±2
Density (g/cm ³ ,25°C)	1.1±0.1
Acid value (mg KOH/g)	≤2
Refractive index	1.477
Functional group	4

Performance

Excellent water resistance, excellent hand sweat resistance and makeup resistance
Good adhesion to various plastics, metals and coatings
Good color addition, good compatibility with color essence, good silver row effect
Can be used as a main resin for silver UV coating, with re-coatability

Applications

Various high requirements: UV vacuum plating topcoat, UV plastic coating, UV screen printing varnish, one-coat UV silver, various metal UV, various UV inks, 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-6411 has good silver arrangement, good color addition, good recoatability, good adhesion, and good leveling. It is the main body for a silver UV coating.

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.