

L-6380A-4 Full Solid Matte UV Polyurethane Resin

Description

L-6380A-4 is a special modified polyurethane acrylate resin. This product is a matte UV resin with 5°~10° gloss without floating, the gloss is stable, and it will not become matt due to the baking temperature and extension of time. It has nano-fineness, is halogen-free, with 2H hardness, good scratch resistance, less than 1% volatilization (low odor) when baked at 80°C for 2 hours.

Technical data

Appearance	Translucent thick liquid
Viscosity (25°C,CPS)	8,000-12,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm3, 25°C)	1.1±0.1
Acid value (mg KOH/g)	4-8
Refractive index	1.467
Shore hardness	85A
Tensile strength	1.5
Elongation at break (%) (ASTM D882)	1.6
Functional group	3

Performance

Gloss 5-10°, no blooming, stable gloss

High hardness, good scratch and wear resistance

It feels delicate and smooth, has good scratch resistance and has little odor.

Applications

UV matte varnish, UV plastic coating, UV screen printing varnish, large area UV, PVC flooring, PVC leather, 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-6380A-4 has good scratch resistance, good hand feel, halogen-free, low odor and no irritation.

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.