

L-6380A-10 Anti-scratch Matte UV Polyurethane Resin

Description

L-6380A-10 is a special modified polyurethane acrylate resin. This product is a matte UV resin with a gloss of 5° to 10° without blooming. The gloss is stable and will not become matte due to the extension of baking temperature and time. It has nanometer fineness. It does not contain halogen, has 2H hardness, good scratch and wear resistance, and evaporates less than 1% after baking at 80°C for 2 hours (little odor).

Technical data

Appearance	Yellowish translucent liquid
Viscosity (25°C,CPS)	1,000 - 3,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	4-8
Refractive index	1.466
Shore hardness	44D
Functional group	3

Performance

Gloss 5°~10°, no blooming, stable gloss

High hardness, good scratch and wear resistance

Delicate and smooth feel, good scratch resistance and yellowing resistance

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-10 has good scratch resistance, soft touch feel, low odor and good yellowing resistance.

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.