

L-6380M 3-Functional Matte UV Polyurethane Resin

Description

L-6380M is a special modified polyurethane acrylate matte UV resin with stable gloss, no blooming (gloss 1~3°), will not become matte due to extension of baking temperature and time, and has nanometer fineness. At the same time, it has the advantages of unique transparency, leveling, no edge accumulation, thin coating, re-coating, no whitening, and good substrate adhesion.

Technical data

Appearance	Translucent Liquid
Viscosity (25°C,CPS)	250 - 1,200
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	≤7
Refractive index	1.46
Shore hardness	76A
Functional group	3

Performance

The gloss is stable and does not bloom (gloss 1~3°)
Good compatibility, good leveling and good adhesion
Delicate and smooth feel, good scratch resistance
It has defoaming function in thick coating UV and can improve the yield rate.

Applications

UV matte varnish, UV plastic coating, UV screen printing varnish, large area UV, PVC floor, PVC leather, nail polish matte topcoat, 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-6380M has low viscosity, low mattness, good soft touch feel, good compatibility, and is halogen-free and very suitable for nail polish matte topcoat gel.

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.