

L-6380H-5 Odorless Matte UV Polyurethane Resin

Description

L-6380H-5 is a specially modified grafted matte UV polyurethane resin. It has high transparency, no floating or whitening with thin coating, no edge accumulation with thick coating, good self-leveling properties, does not affect re-coating, no odor, no irritation, no solvent, etc. The resin has nanometer fineness, a high matte extinction coefficient, and a gloss as low as 2 to 4° (60° angle gloss meter). The matting gloss is stable and excellent, and the matting performance will not be affected by the baking temperature and baking time.

Technical data

Appearance	Translucent liquid
Viscosity (25°C,CPS)	800 - 1,600
Chroma (Gardner)	≤1
UV component (%)	100
Density (g/cm3, 25°C)	1.1 ± 0.1
Acid value (mg KOH/g)	4 - 8
Refractive index	1.464
Shore hardness	43D
Functional group	3

Performance

Gloss 2~4°, no floating, stable gloss, good leveling, good wetting and adhesion to the substrate. Delicate and smooth soft touch, good scratch resistance, has defoaming function in thick UV coating, and can improve the yield rate.

Applications

UV matte varnish, UV plastic coating, UV screen printing matte varnish, large-area UV coating on 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

Precautions

The resin may stratify slightly if keep for a long time. To ensure performance, pls stir evenly or roll it on the ground before use.

Tips: L-6380H-5 has low viscosity, good mattness, good soft touch skin feel, odorless, halogen-free and non-irritating.

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.