

L-6380A-10 Yellowing-Resistant Matte UV Polyurethane

Description

L-6380A-10 is a specially modified polyurethane acrylate resin, a matte UV resin with 5–10° gloss that does not bloom and remains stable regardless of baking temperature or duration. It features nano-level fineness, is halogen-free, has 2H hardness, excellent scratch and abrasion resistance, and exhibits less than 1% volatilization with very low odor when baked at 80°C for 2 hours.

Technical Data

Appearance	Slightly yellow, semi-transparent liquid
Viscosity (25°C,CPS)	1,000 - 3,000
Color Value (Gardner)	≤1
UV Content (%)	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

Product Features

5°–10° gloss, no blooming, stable gloss

High hardness with excellent scratch and abrasion resistance

Smooth and delicate feel, excellent scratch resistance, low odor

Applications

UV matte varnishes; UV plastic coatings; UV screen printing varnishes; high-build UV coatings for PVC flooring; PVC leather, etc.

Storage Conditions

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

Precaution

Prolonged storage may cause slight resin stratification. To ensure optimal performance, stir thoroughly or roll the container evenly on the floor before use.

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.