

## L-6380A-4 Low-Odor Matte UV Polyurethane

### Description

**L-6380A-4** is a specially modified, fully solid matte polyurethane acrylate UV resin with no irritating volatiles. After curing, it forms a 5–10° gloss film with stable matte finish, excellent scratch and abrasion resistance, and nano-level fineness. The resin is halogen-free, environmentally compliant, maintains its matte properties regardless of baking conditions, and shows less than 1% volatilization with very low odor when baked at 80°C for 2 hours.

### Technical Data

Appearance	Semi-transparent viscous liquid
Viscosity (25°C,CPS)	8,000-12,000
Color Value (Gardner)	≤1
UV Content (%)	100
Density (25°C,g/cm <sup>3</sup> )	1.1±0.1
Acid Value (mg KOH/g)	4-8
Refractive Index	1.467
Shore Hardness	85A
Tensile Strength (MPa)(ASTM D882)	1.5
Elongation at Break (%) (ASTM D882)	1.6
Functional Group	3

### Product Features

Gloss 5-10°, no blooming, stable gloss

High hardness, good scratch and wear 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-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.