

L-6380M Anti-Scratch UV Polyurethane Frosted Topcoat

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	Semi-transparent liquid
Viscosity (25°C, CPS)	250 - 1,200
Color Value (Gardner)	≤ 1
UV Content (%)	100
Density (25°C, g/cm³)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤ 10
Refractive Index	1.46
Shore Hardness	76A
Functional Group	3

Product Features

Stable low-gloss finish (1~3°) without haze
Excellent compatibility, leveling, and adhesion
Smooth, silky touch with high scratch resistance
Defoaming effect in high-build UV coatings, contributing to improved yield rate

Applications

UV matte varnishes; UV plastic coatings; UV screen printing varnishes; high-build UV coatings for PVC floor; PVC leather; nail polish matte topcoat, 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/25KG/200KG/barrel

Precautions

Slight separation may occur after prolonged storage. To ensure optimal performance, please stir thoroughly or roll the container on the floor before use.

Tips: L-6380M features low viscosity, low gloss, and a soft-touch feel, with excellent compatibility. It is a halogen-free formulation.

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.