

L-8320 Scratch Resistant Soft Touch Elastic UV Resin

Description

L-8320 is a specially modified aliphatic polyurethane resin. Its unique molecular structure makes it have excellent scratch resistance, good adhesion to the substrate, good dryness, scratch resistance, wear resistance and delicate soft touch skin feel etc.

Technical Data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	7,000 - 15,000
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤ 2
Refractive Index	1.49
Shore Hardness	82D
Functional Group	9

Product Features

It has good wettability to matte powder. It can be extinguished by matte powder, matteness below 3, good scratch resistance and no marks left

Good adhesion and fast curing speed

Good scratch resistance, slipness, wear resistance, good soft touch skin feel

Good RCA resistance, over 500 times

Compared with traditional two-component rubber paint, it has good afterwards-non-sticky property, high production efficiency, energy saving, environmental protection and less solvent emission.

Applications

Soft touch UV, matte anti-scratch UV. Widely used in keyboards, mice, PVC flooring, tactile varnishes for paper, PET soft-touch inks, plastic soft-touch UV coatings, and various scratch- and abrasion-resistant UV finishes.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 25kg / 200 kg per drum

Tips:L-8320 offers good application workability, rapid matting response, excellent scratch resistance, and a non-marking surface.

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.