Lencolo®
蓝柯路

TDS

2025/10/01

L-8220 Thick-Feel Elastic UV-Curable Resin

Description

L-8220 is a specially modified elastic spherical resin with a unique molecular structure, providing distinctive elongation and excellent adhesion to substrates. It imparts a strong tactile, thick, and leather-like feel to the coating, with good drying, scratch resistance, and wear resistance. It exhibits excellent adhesion to PET and is recommended for use in tactile UV coatings, PET inks, and can also be applied in peelable inks.

Technical Data

Appearance	Slightly Hazy, Semi-Transparent Liquid
Viscosity (25ºC，CPS)	200 - 1,200
Color Value (Gardner)	≤ 1
UV Content (%)	100
Density (g/cm³, 25ºC)	1.1 ± 0.1
Acid value (mg KOH/g)	≤ 1
Refractive index	1.466
Shore hardness	69A
Functional group	3

Product Features

Provides excellent wetting and encapsulation of matting agents, facilitating easy matting

Offers a soft, velvety feel with strong adhesion and fast curing

Good yellowing resistance, leaving no odor after curing

Excellent aging resistance, with no tackiness after curing

Applications

Soft touch UV coatings, soft touch UV inks, UV 3D printing resins, UV transfer glues, PET soft touch UV

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: 25 kg / 200 kg per drum

Tips: L-8220 has strong soft touch feel (thicker texture skin feel), easy matting, good flexibility, good scratch resistance, and no odor residue.

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.