

L-8403 Hard UV Transfer Adhesive Resin

Description

L-8403 is a specially modified polyurethane acrylate UV resin characterized by fast reactivity, excellent toughness, high tensile strength, and superior scratch resistance. It delivers strong mechanical performance and reliable curing stability, making it ideal for use in UV transfer adhesives, UV bonding adhesives, and UV setting compounds.

Technical Data

Appearance	Colorless or slightly yellow transparent liquid
Viscosity (25°C, CPS)	20,000 - 50,000
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤ 2
Refractive Index	1.48
Tensile Strength (MPa)(ASTM D882)	15.7
Elongation at Break (%) (ASTM D882)	8.9
Shore Hardness	80D
Functional Group	2

Product Features

Good toughness and scratch resistance
Fast reaction speed and low shrinkage
Excellent water resistance on PC

Applications

Widely used in various UV adhesives, plastic UV coatings, UV texture transfer coatings, UV fixing resin, and UV inks.

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 / 200 kg per drum

Tips: L-8403 offers superior toughness and excellent resistance to boiling water.

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.