

L-8401 Shadow-free Adhesive UV Resin

Description

L-8401 is a specially modified polyurethane acrylic UV resin with good flexibility, unique adhesion, boiling resistance, water soak resistance to plastics. It is recommended in UV adhesives, UV pouring sealants, etc.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	1,000 - 2,000
UV Content (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤ 3
Refractive Index	1.478
Tensile Strength (MPa)(ASTM D882)	6.6
Elongation at Break (%) (ASTM D882)	62
Functional Group	2

Product Features

Low shrinkage, good flexibility
Low viscosity, good transparency
Fast response, 200-400mj/cm² energy curing
Good adhesion to soft and hard plastics, glass and metal

Applications

UV shadow-free adhesive; UV adhesive; UV potting adhesive; LED lamp UV potting adhesive; UV glass adhesive; UV 3D printing resin, etc.

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-8401 has fast reaction, good flexibility, good transparency, very suitable for UV shadowless adhesive, UV potting adhesive, UV label adhesive.

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.