Lencolo®
蓝柯路

TDS

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L-8405C Adhesive UV Resin

Description

L-8405C is a specially modified polyurethane-acrylate UV resin. It offers excellent flexibility, strong adhesion, fast curing, and a cost-effective performance. After UV curing, it exhibits high tackiness, making it ideal for use in various UV laminating adhesives and UV bonding adhesives.

Technical Data

Appearance	Colorless or slightly yellow transparent liquid
Viscosity (25ºC, CPS)	7,000 - 12,000
UV Content (%)	100
Density (g/cm³, 25ºC)	1.1 ± 0.1
Acid Value (mg KOH/g)	≤ 2
Refractive Index	1.46
Tensile Strength (MPa)(ASTM D882)	0.8
Elongation at Break (%)(ASTM D882)	198
Functional Group	3

Product Features

Low shrinkage and excellent flexibility
Excellent adhesion to conventional ABS/PC, PVC, nylon, printed circuit boards, and paper
Strong adhesion to untreated PET, glass, metals, and melamine panels
Good elasticity and outstanding weather resistance

Applications

Various UV laminating dhesives; UV adhesive glue; UV adhesives for electronic components; UV fixing adhesives; UV bonding adhesives, 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 ℃. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 ℃, the product has a safe storage period of 6 months. Available packaging: 20 kg / 200 kg per drum

Tips: L-8405C offers excellent flexibility and strong adhesion to untreated PET, glass, metals, and other substrates. It is cost-effective and suitable for various UV bonding