

L-8453 Flexible UV Resin for 3D Printing

Description

L-8453 a special modified polyurethane resin with good flexibility and toughness, good resilience, good interlayer adhesion and fast response.

Technical Data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	1,800 - 2,400
UV Content (%)	100
Density (25°C, g/cm³)	1.02 ± 0.05
Acid Value (mg KOH/g)	≤ 2
Refractive Index	1.473
Shore Hardness	58A
Tensile Strength (MPa)(ASTM D882)	1.6
Elongation at Break (%) (ASTM D882)	33
Functional Group	2.5

Product Features

Flexibility and toughness, good resilience
Low shrinkage, good adhesion
Good yellowing resistance, good wettability

Applications

UV 3D printing for various soft anime toys and elastic items; 3D printing UV inks; UV inks; coatings for soft substrates; related 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 / 25kg / 200 kg per drum

Tips: L-8453 has good toughness and resilience, and is specially used for 3D printing of various soft animation toys and 3D printing of various elastic objects.

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.