

L-8453 Soft Elastic 3D Printing Resin

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 component (%)	100
Density (25°C,g/cm³)	1.02±0.05
Acid value (mg KOH/g)	2 - 6
Refractive index	1.465
Shore hardness	58A
Tensile strength (MPa)(ASTM D882)	1.6
Elongation at break (%) (ASTM D882)	33
Functional group	2.5

Performance

Flexibility and toughness, good resilience

Low shrinkage, good adhesion

Good yellowing resistance, good wettability

Applications

3D printing of various soft animation toys, UV 3D printing of various elastic items, 3D printing UV ink, UV ink, soft coating, ink, etc.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Safe storage time is 6 months at room temperature(25°C) and under ventilation.

This product will be packed into 20KG/25KG/200KG/barrel

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.