

L-6202 High-hardness 2-Functional UV Polyurethane

Description

L-6202 is a special modified polyurethane acrylic UV resin with low viscosity, extremely fast reaction speed, high hardness, excellent toughness in the cured film. It features very low shrinkage and high tensile strength, making it highly recommended for applications in UV 3D printing, UV casting, PVC flooring, UV screen printing, and other fields.

Technical Data

Appearance	Colorless or light yellow transparent liquid
Viscosity (25°C, CPS)	25,000-35,000
Density (25°C,g/cm ³)	1.1±0.1
UV Content (%)	100
Acid Value (mg KOH/g)	≤3
Shore Hardness	87D
Tensile Strength (MPa)(ASTM D882)	29.2
Elongation at Break (%) (ASTM D882)	2
Functional Group	2

Product Features

Low viscosity, fast curing
Tough coating film with low shrinkage
High hardness, hard but not brittle

Applications

UV 3D printing resins; UV glues; PVC floorings; UV nail polish, UV screen printing inks, 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 / 200 kg drums.

Tips: L-6202 is a two-functional UV polyurethane that is very suitable for UV 3D printing resins.

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.