

L-61041 Low viscosity, flexible 2-functional
UV polyurethane resin

Description

L-61041 is a specially modified ultra-low viscosity 2-functional polyurethane acrylate. It has strong dilution ability in UV applications and can replace monomers. It has ultra-low shrinkage and excellent surface drying properties. It can form a film alone. The film is tough, soft and elastic, and has high transparency and brightness.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	8月20日
Chroma (Gardner)	≤1
UV content (%)	100
Density (g/cm³, 25°C)	1.00±0.05
Acid value (mg KOH/g)	≤2
Refractive Index	1.448
Shore Hardness	87A
Elongation at break (%) (ASTM D882)	118.5
Functional Group	2

Performance

Ultra-low viscosity, low irritation
Good flexibility, good tear resistance
Fast curing speed, good film-forming property
Good surface drying

Applications

UV inkjet, UV 3D printing, UV adhesive, UV peelable film, UV varnish, UV plastic coating, UV elastic coating, etc.

Storage

To prevent the product from being highly active and causing a polymerizing reaction, please seal it and store it away from heat sources and sunlight. The recommended storage temperature is no higher than 30°C. Unused products must be sealed and stored in a timely manner. Do not store them in the open. At 25°C and with ventilation, the safe storage period is 6 months.
20KG/200KG/barrel

Tips:L-61041 has ultra-low viscosity, low irritation, good surface drying and good film-forming properties.

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.