

L-6210 High Flexibility UV Polyurethane Resin

Description

L-6210 is an aliphatic 2-functional polyurethane acrylate with excellent flexibility, fast curing rate, good surface dryness and boiling resistance. The coating film has excellent toughness.

Technical data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	10,000 - 15,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (25°C,g/cm³)	1.1±0.1
Acid value (mg KOH/g)	≤1
Refractive index	1.492
Shore hardness	78A
Tensile strength (MPa)(ASTM D882)	12.7
Elongation at break (%) (ASTM D882)	45.3
Functional group	2

Performance

Very good toughness

Excellent elasticity and flexibility

Good surface dryness, boiling resistance

Non-yellowing

Good adhesion

Applications

UV peelable film, UV varnish, UV plastic coating, UV elastic coating, UV3D printing, 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/200KG/barrel

Tips: L-6210 has excellent elasticity and flexibility, excellent toughness, and the coating film has excellent tear resistance.

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.