

L-6206 Non-yellowing Polyurethane Acrylate Resin

Description

L-6206 non-yellowing aliphatic 2-functional polyurethane acrylate. It has the characteristics of non-yellowing, good flexibility, good toughness, fast curing rate, good surface dryness and boiling resistance.

Technical data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	10,000 - 20,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (25°C,g/cm³)	1.1±0.1
Acid value (mg KOH/g)	≤2
Refractive index	1.479
Shore hardness	66D
Tensile strength (MPa)(ASTM D882)	30.2
Elongation at break (%) (ASTM D882)	34.3
Functional group	2

Performance

Very good yellowing resistance, no yellowing through mercury lamp, 800mJ/cm2 energy, very little change by 30 times.

Excellent elasticity and flexibility, good toughness, made 2.5mm thick, the paint film is not easy to break

Good surface dryness, resistant to boiling

Good transparency, low shrinkage, good demoulding property

Applications

All kinds of demanding yellow resistant UV protection varnishes, UV adhesives, UV transfer adhesives, UV 3D printing, UV hardening fluids, elastic UV coatings, and vacuum plating UV coatings.

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-6206 is a non-yellowing 2-functional polyurethane with fast reaction, good flexibility and good film toughness.**

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.