

L-6206A Non-yellowing Polyurethane Acrylate Resin

Description

L-6206A is a non-yellowing aliphatic 2-functional polyurethane acrylate, which has the characteristics of non-yellowing, good flexibility, good toughness, fast curing speed, good surface dryness, and resistance to water boiling.

Technical data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	5,000-12,000
Chroma (Gardner)	≤1
UV component (%)	100
Density (25°C,g/cm³)	1.1±0.1
Acid value (mg KOH/g)	1.1
Refractive index	1.481
Shore hardness	69D
Tensile strength (MPa)(ASTM D882)	25.8
Elongation at break (%) (ASTM D882)	6
Functional group	2

Performance

The resistance to yellowing is very good, and it does not turn yellow after being used in the machine. Under a mercury lamp and an energy of 800mJ/cm², the change is very small after 30 times.

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

Good surface dryness and resistance to boiling

The paint film has good transparency, low shrinkage and good release properties.

Applications

Various UV protective varnishes, UV adhesives, UV transfer adhesives, UV 3D printing, UV hardening fluids, elastic UV coatings, and vacuum plating UV coatings with demanding anti-yellowing requirement.

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-6206A is a non-yellowing 2-functional polyurethane with fast response, 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.