

L-6206C Flexible 2-functional UV Polyurethane

Description

L-6206C flexibility 2-functional UV polyurethane resin, recommended for photocuring applications such as coatings, inks, and adhesives. As the main film-forming resin for free radical curing, it has high elasticity and flexibility; it is used in various UV adhesives, transfer adhesives, has effective adhesion to PET and PVC; used for vacuum coating primers and UV varnishes, the paint film is flexible with good leveling.

Technical data

Appearance	Light yellow clear transparent liquid
Viscosity (60°C, CPS)	9,000 - 18,000
Chroma (Gardner)	≤1
UV component (%)	100
Acid value (mg KOH/g)	≤1
Refractive index	1.48
Shore hardness	70A
Tensile strength (MPa)(ASTM D882)	8.7
Elongation at break (%) (ASTM D882)	81
Functional group	2

Performance

Excellent adhesion on PC, PVC, and TPU  
Low shrinkage, good flexibility, good tensile strength  
Good leveling and high covering power

Applications

Widely used in vacuum plating primer, UV soft touch elastic paint, UV adhesive, UV transfer adhesive, UV ink, UV plastic varnish, 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-6206C has the advantages of flexibility, elasticity, and good plating properties. It has the performance of providing large-area leveling, reducing shrinkage, and adjusting flexibility.**

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.