

L-6213 2-functional UV Polyurethane Resin

Description

L-6213 is an aromatic difunctional polyurethane acrylate featuring excellent flexibility, fast curing speed, and good surface dryness. It also offers good resistance to boiling water, making it well suited for use in mid- to low-end UV coatings and ink applications. However, its yellowing resistance is relatively limited.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	3,000-7,000
Color Value (Gardner)	≤1
UV Content (%)	100
Density (25°C,g/cm³)	1.1±0.1
Acid Value (mg KOH/g)	≤1
Refractive Index	1.492
Shore Hardness	65A
Tensile Strength (MPa)(ASTM D882)	12.7
Elongation at Break (%) (ASTM D882)	68.4
Functional Group	2

Product Features

Good tear resistance of the coating

Excellent elasticity and flexibility

Good surface dryness and resistance to boiling water

Applications

UV peelable coatings, UV clear coats, UV plastic coatings, UV elastic coatings, and UV 3D printing.

Storage Conditions

To prevent premature polymerization due to the high reactivity of this product, keep it tightly sealed and store away from heat sources and direct sunlight. It is recommended to maintain storage temperature below 30 °C. Unused product should be promptly resealed and must not be left open. Under ventilated conditions at 25 °C, the product has a safe storage period of 6 months. Available packaging: 20 kg / 200 kg drums.

Tips: L-6213 offers outstanding elasticity and flexibility, making it a highly cost-effective difunctional aromatic polyurethane.

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.