

L-6210 High Toughness UV Polyurethane

Description

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

Technical Data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	10,000 - 15,000
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	78A
Tensile Strength (MPa)(ASTM D882)	12.7
Elongation at Break (%) (ASTM D882)	45.3
Functional Group	2

Product Features

Excellent toughness
Outstanding elasticity with good flexibility
Good surface dryness, boiling resistance
Non-yellowing
Strong adhesion

Applications

UV peelable films; UV varnishes; UV plastic coatings; UV elastic coatings; UV 3D printing resins,

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-6210 has excellent elasticity and flexibility, excellent toughness, and makes the coating film highly tear-resistant.

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.