

L-6205 Yellowing Resistant Aliphatic Polyurethane Resin

Description

L-6205 is an aliphatic 2-functional urethane acrylate with excellent flexibility, fast curing rate, good surface dryness, boiling resistance and non-yellowing.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	3,000-6,500
Color Value (Gardner)	≤1
UV Content (%)	100
Density (25°C,g/cm ³)	1.1±0.1
Acid Value (mg KOH/g)	≤1
Refractive Index	1.478
Shore Hardness	86A
Tensile Strength (MPa)(ASTM D882)	8.6
Elongation at Break (%) (ASTM D882)	25.5
Functional Group	2

Product Features

Excellent elasticity and flexibility,
Good surface dryness, fast curing rate
Resistant to boiling (100°C, 2 hours)
Yellowing resistance

Applications

3C electronic UV coatings; UV varnishes for automotive interior parts; UV plastic coatings; Elastic UV coatings, UV vacuum metalization coatings

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-6205 is a 2-functional polyurethane resin featuring excellent yellowing resistance, fast reactivity, outstanding flexibility, and well-balanced overall performance.

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.