

L-6205D Non-organotin 2-functional Polyurethane

Description

L-6205D is an aliphatic 2-functional polyurethane acrylate, free of organotin, featuring excellent flexibility, fast curing rate, good surface dryness, and resistance to boiling water and yellowing.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (60°C, CPS)	1,500-2,000
Color Value (Gardner)	≤1
UV Content (%)	100
Density (25°C,g/cm³)	1.1±0.1
Acid Value (mg KOH/g)	≤3
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

Good elasticity and flexibility and is the primary choice for adjusting flexibility of the coating film.
Good surface dryness and resistance to water boiling
None-yellowing
Does not contain organotin

Applications

UV protective varnishes for TPU, leather, artificial leather; UV palstic coating, Elastic UV coating, UV vacuum Metallization 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-6205D is a 2-functional polyurethane that is resistant to yellowing, has fast response, good flexibility, and does not contain organic tin.

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.