

L-1260 PU Resin for Optical Coating

Description

L-1260 is a special modified hydroxyl acrylic copolymer that is used with non-yellowing polyisocyanate at room temperature. It is very suitable for two-liquid varnishes and solid-color paints. It also has excellent physical and chemical properties and pigment dispersion. It has excellent adhesion to optical coatings, and also has good adhesion to ABS, PC, PC fiber reinforced, PMMA, fiberglass, aluminum, plated and other metal substrates.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	1,000 - 3,000
Solid content %	50±2
OH value (solid)	55 mgKOH/g
OH % (solid)	1.7
Acid value (solid)	7-12 mgKOH/g

Performance

Good adhesion to optical coatings, good color addition, good recoatability, good inter-layer adhesion, and good chemical resistance

Reference formula

Color paint		Thinner	
L-1260 resin	60	Ethyl acetate	50
T-12 (drier)	0.1	Butyl acetate	13
Nano color paste	20	PMA	12
Lencolo 3160	0.3	MIBK	25
Butyl ester	19.6		

Curing agent N3390 90 : Butyl ester 10  
Main agent: Curing agent: Thinner =10 : 1 : 3

Applications

Optical coating paint, optical coating treatment agent, two-liquid PU varnish or solid color paint, flash paint for various other metals and plastics.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature( 25°C) and under ventilation. 20KG/200KG/barrel

**Tip: L-1260 has particularly good adhesion to optical coatings and good recoatability. After recoating, the adhesion is 5B after boiling at 100°C for 30 minutes.**

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.