

L-1253 High Solid Content PU Resin

Description

L-1253 is an acrylic copolymer with high solid content and high hydroxyl content. When paired with non-yellowing polyisocyanate at room temperature, it can be made into a two-liquid system with good construction performance, high fullness and excellent matching performance. It is very suitable for double Liquid silver paint, pearlescent paint, varnish. It has good adhesion to substrates such as ABS, PC, PC fiber reinforced, PMMA, fiberglass, various metals, etc.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	2,000 - 4,500
Solid content %	75±2
OH value (solid)	139 mgKOH/g
OH % (solid)	4.2
Acid value (solid)	5-9 mgKOH/g
Solvent	Butyl ester

Performance

High fullness, high gloss, high leveling  
Moderately quick drying  
Good resistance to gasoline and chemicals  
Low VOC content

Reference formula

Clear Varnish		Thinner	
L-1253 resin	80	Xylene	45
T-12 (drier)	0.1	Ethyl acetate	20
Lencolo 3160	0.4	Butyl acetate	25
Lencolo 3108	0.2	PMA	10
Lencolo 8531	0.3		
Thinner	19		

Curing agent N3390 60 : Butyl ester 40  
Main agent: Curing agent: Thinner =2 : 1 : (0.5~1)

Applications

Original car paint, motorcycle varnish, high-demand plastic paint, two-component PU varnish or solid color paint, flash paint for various 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/25KG/200KG/barrel

Tip: L-1253 has low VOC content, high leveling, high fullness and high gloss.

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.