

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

Product Features

High build, high gloss, excellent leveling
Moderate fast-drying
Good gasoline resistance and chemical resistance
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) : Butyl ester = 60 : 40

Main agent : Curing agent : Thinner = 2 : 1 : (0.5~1)

Applications

Automotive OEM coatings; motorcycle varnishes; high-demand plastic paints; two-component PU varnishes, solid color paints or metallic/pearl-effect coatings for various metals and plastics

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 / 25kg / 200 kg per drum

Tips: 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.