

L-1254 Fast Drying High Solid Content PU Resin

Description

L-1254 is a high-solids, high-hydroxyl-content acrylic copolymer with excellent fast-drying performance (can be polished and sanded at room temperature after 3.5 hours). It exhibits excellent application properties, high build, and is suitable for clear topcoats. The product meets the latest VOC requirements for spray coatings.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	6,000 - 12,000
Solid Content %	75 ± 2
OH Value (solid)	119 mgKOH/g
OH % (solid)	3.6
Acid Value (solid)	10-16 mgKOH/g
Solvent	Butyl ester

Product Features

High build, high gloss, excellent leveling
Quick drying, can be polished after 3.5 hours at room temperature
Good resistance to gasoline and chemicals
Low VOC content

Reference Formula

Varnish		Thinner	
L-1254 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 topcoats; high-demand plastic paint; two-component PU varnish for various metals and plastics; repair coatings

Storage

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-1254 has low VOC content, high leveling, high build, high gloss, and quick drying.

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.