

L-1256 Fast Drying High Hydroxyl PU Resin

Description

L-1256 is a high-solids, high-hydroxyl acrylic copolymer that, when combined with non-yellowing polyisocyanates at room temperature, forms a two-component system with excellent application properties, high film build, and outstanding compatibility. It is particularly suitable for high-gloss one-coat black PU coatings and clearcoat formulations. The system offers ultra-fast drying, allowing polishing after 30 minutes at 50 °C.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	500 - 1,000
Solid Content %	60 ± 2
OH Value (solid)	139 mgKOH/g
OH % (solid)	4.2
Acid Value (solid)	12 mgKOH/g
Solvent	Butyl acetate、PMA

Product Features

Super fast drying, high film build, good gloss, high leveling, good adhesion and good weather resistance.

Reference Formula

Overcoat varnish		Thinner	
L-1256 resin	60	Xylene	45
T-12 (drier)	0.1	Ethyl Acetate	20
Lencolo 3160	0.4	Butyl Acetate	25
Lencolo 3137	0.2	PMA	10
Lencolo 8531	0.3		
PU Special Black Paste	23		
Thinner	16		

Curing agent (N3390) : Butyl ester = 60 : 40

Main agent : Curing agent : Thinner = 3 : 1 : (1~2)

Applications

Automotive OEM coatings, motorcycle varnishes, high-demand plastic paint, two-component PU varnishes or solid color paints for various metals and plastics, high-gloss one-coat black finishes.

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 / 25 kg / 200 kg per drum

Tips: L-1256 Suitable for one-coat black PU coatings with ultra-fast drying; can be polished after 30 minutes at 50 °C.

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.