

L-1255 High-Gloss Black One-Coat PU Resin

Description

L-1255 is an acrylic copolymer with high solid content and medium 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 film build and excellent matching performance. It is very suitable for two-liquid type high-gloss black paint and 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 - 5,000
Solid content %	65 ± 2
OH value (solid)	121 mgKOH/g
OH % (solid)	3.6
Acid value (solid)	6 mgKOH/g
Solvent	Butyl acetate

Product Features

High film build, good gloss, high leveling, quick drying, good adhesion and good weather resistance.

Reference Formula

High gloss black paint		Thinner	
L-1255 resin	60	Ethyl Acetate	35
T-12 (drier)	0.1	Butyl Acetate	45
Lencolo 3160	0.4	PMA	20
Lencolo 3137	0.2		
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 paints; two-component PU varnishes or solid color paints for various metals and plastics; metallic/pearl-effect coatings.

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 / 200 kg per drum

Tip: L-1255 can be used to make a black PU coating with good leveling, good fullness and boiling resistance.

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.