

L-1258 High Gloss & High Leveling PU Resin

Description

L-1258 is a hydroxyl acrylic resin with low viscosity, high solid content and high hydroxyl content. It is formulated with HDI curing agent to form a two-component polyurethane coating. It can be quickly solidified into a film at room temperature, has fast drying speed, high fullness and gloss, and good weather resistance and self-leveling properties.

Technical Data

Appearance	Light yellow transparent liquid
Viscosity (25°C, CPS)	1,000 - 2,000
Solid Content %	70 ± 2
Solvent	XYL/BAC
OH % (solid content)	4
Acid Value (solid)	6-9 mgKOH/g

Product Features

High-solids, low-viscosity resin with high gloss, fine atomization, excellent leveling, high hardness, fast drying, good adhesion, and excellent weather resistance.

Reference Formula

Aluminum paint		Thinner	
L-1258 resin	80	Xylene	35
T-12 (drier)10%	0.3	Butyl Acetate	45
Lencolo 3160	0.4	PMA	20
Lencolo 3137	0.2		
Butyl Acetate	10		
Xylene	9.1		

Curing agent (N3390) : Butyl ester = 90 : 10

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; 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 / 200 kg per drum

Tips: L-1258 can be used to make a one-coat high-gloss PU with good leveling, high build, and excellent resistance to boiling water.

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.