

L-1202 PU Primer Resin for Nylon-reinforced Substrates

Description

L-1202 is a hydroxyl-containing acrylic copolymer with good adhesion to plastics, especially nylon-reinforced substrates. It exhibits excellent application properties, good alignment of aluminum flakes, compatibility with other resins, and high resistance to yellowing.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	800 - 2,500
Solid Content %	45 ± 2
OH Value (solid content)	30 mgKOH/g
OH % (solid content)	0.9
Acid Value (solid)	1-3 mgKOH/g
Solvent	Toluene, methyl isobutyl ketone (MIBK)

Product Features

Exhibits excellent adhesion to plastics such as ABS, PC, PC reinforced with fibers, PA and PA reinforced with fibers, PMMA, fiberglass-reinforced plastics, TPU, especially nylon with 55% glass fiber.

Shows good compatibility with CAB and amino resins, ensures uniform silver powder orientation, strong intercoat adhesion, and good pigment dispersion.

Excellent recoating performance; even after two recoats followed by UV or PU topcoating and water boiling, adhesion remains excellent.

Reference Formula

Aluminum paint		Thinner	
L-1202 resin	60	Xylene	45
T-12 (drier)	0.1	Ethyl acetate	20
20%CAB381-2	10	Butyl acetate	25
Aluminum silver paste	7	PMA	10
Lencolo 3108	0.3		
Adhesion promoter	1		
Thinner	21.6		

Curing agent (L75) : Butyl ester = 75 : 25

Main agent : Curing agent : Thinner = 15 : 1 : (5~8)

Applications

Nylon primers; car wheel paints; metal; plastic primers; pearl-effect coatings; various baking paint primers; UV primer

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-1202 is primarily used as a primer, exhibiting excellent adhesion to nylon reinforced with 55% glass fiber substrates.

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.