

L-1069 Boiling resistant 1K primer resin for UV

Description

L-1069 is a thermoplastic acrylic resin, which has good compatibility with nitrocellulose, ternary copolymer chloroacetic acid resin, etc. It can be used alone or in combination with nitrocellulose, ternary copolymer chloroacetic acid resin, etc. to make paint. The paint film has good gloss, toughness, adhesion, and water boiling resistance. It is widely used in UV silver and solid color primers for plastic substrates such as ABS, ABS+PC, PC, etc.

Technical data

Appearance	Colorless transparent liquid
Viscosity (Pa.s/25°C)	12~16
Solid content%	50 ± 2%
Acid value (solid)	≤1mgKOH/g
Tg	69°C
Solvents	Butyl acetate, isobutyl alcohol, toluene

Performance

Excellent interlayer adhesion and outdoor durability

Excellent silver arrangement effect. The silver powder paint made with this resin has a good metallic feel, the silver powder is evenly arranged, and the silver does not fall off.

Excellent boiling resistance, outstanding flexibility, and good carving properties.

Applications

Used for water-boiling UV silver and solid color primers for plastic substrates such as ABS, ABS+PC, etc.

Reference formula

Silver paint		Diluent formula	
L-1069 resin	68	Methylal	46
Silver paste	8	Isobutanol	10
Butyl Ester	8	Ethyl acetate	22
Toluene	9.7	Butyl acetate	7
20%CAB381-2	6	DAA	6
Lencolo 3108(leveling agent)	0.3	Ethylene glycol monobutyl ether	9

Precautions

This resin should not be used with CAB381-20 as a modified resin.

When used with cellulose or chloroacetic acid, it will have a more satisfactory effect.

Product Packaging

200KG/barrel

Tips: L-1069 is suitable for UV primers with general requirements, resistant to boiling water, and good silver arrangement.

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.