

L-1007 Silver Plating Resin

Description

L-1007 offers excellent silver flake orientation, effectively improving flake brightness and enhancing the opacity of metallic pigments. It provides good alcohol resistance, abrasion and scratch resistance, and high film hardness. The resin exhibits strong intercoat adhesion on ABS, PC, and ABS+PC substrates, and shows excellent compatibility with PU and UV topcoat systems. This product is halogen-free, making it suitable for environmentally friendly coating applications.

Technical Data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	3,500 - 5,500
Solid Content (%)	23 ± 2
Acid Value (solid)	≤ 1 mg KOH/g
Tg	68 °C
Solvent	Alcohols, esters

Product Features

Excellent intercoat adhesion; cured film can be overcoated with PU or UV clearcoats without affecting intercoat adhesion, while maintaining good silver flake orientation

Outstanding silver flake orientation, enhancing the opacity of metallic pigments

Good alcohol resistance, abrasion and scratch resistance, and high film hardness

Reference Formula

	Silver paint		Thinner
L-1007 Resin	30	Acetone	10
L-1008 Resin	45	Mix propanol	10
Silver Paste	3 - 6	Toluene	22
Toluene	10	Butyl acetate	10
Butyl ester	9	Naphtha	20
Lencolo 3108	0.3	Ethylene glycol monobutyl	10

Applications

Suitable for UV silver and solid-color primers, UV clear topcoats, and vacuum metallized topcoats on ABS, ABS+PC, and other plastic substrates.

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: 25 kg / 190 kg per drum

Tips: L-1007 has good silver arrangement, is halogen-free, does not require primer, has good alcohol resistance, and can be added with a curing agent.

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.