

TS-90 Boiling Resistant UV Primer Resin

Description

TS-90 is a 100% solid thermoplastic acrylic resin in the form of small white powder particles. This product is self-drying like other thermoplastic acrylics. It has good adhesion, excellent hardness and outdoor durability. It is mainly used for UV primer, vinyl topcoat, aniline paint, plastic paint and PVC leather treatment, etc

Technical data

Appearance	White powdery particles
Molecular weight (MW)	84,000
Active ingredient	≥98.5%
Acid value (solid)	≤3mgKOH/g
Tg	90°C

Performance

Excellent adhesion, hardness and outdoor durability
Dissolved solution, water color transparency
Excellent resistance to contamination by inorganic substances, plants and insulating oils
Excellent silver arrangement effect. The silver powder paint made with this resin has a good metallic feel and the silver powder is evenly arranged.
Excellent retort resistance, excellent flexibility and adhesion to the substrate. Excellent thermal decomposition.

Reference formula

	40%TS-90
Butyl ester	20
Butanone	15
TS-90	40
First disperse at high speed (2500-3000 rpm) for 40-50 minutes, then raise the temperature of the solution to 50-60 degrees	
During the dispersion process, pay attention to fixing the dispersion tank to prevent the viscosity from suddenly rising and flying	
Butyl ester	25
Stir at medium speed, add remaining solvent, and wash the wall-mounted solids	
Then disperse at 2000-2500 rpm for 20-30 minutes	
Check the fineness of the dispersion until it is OK, and add volatile solvent	

Applications

Mainly used for UV primer main resin, automobile body surface coating, various coatings, plastic coatings (ABS, PS, PC, etc.) PVC steel plate primer coating, sandwich steel plate, plastic home appliances, PC plastic products , wheels, ABS copolymer.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature(25°C) and under ventilation. 40KG/barrel

Tip: TS-90 can be used as UV primer resin with high boiling requirements 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.