

L-5600 Resin for 1K Rubber Paint or TPU

Description

L-5600 is a polyurethane polymer with unique elongation, good elasticity, good adhesion to the substrate, and anti-stick resistance.

Technical data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	3,000-5,000
Solid content %	30±2
Density (g/cm³, 25°C)	1.1±0.1
Acid value (mgkoH/g)	2
Tg (°C)	20
Elongation at break %	350
Solvent	Butyl acetate,butanone

Performance

Good adhesion to TPU, flexibility, elongation at break can reach 350%
Excellent interlayer adhesion
Good feel and good recovery
Excellent boiling resistance

Reference formula

Color paint		Thinner	
L-5600 resin	68	Methyl	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	0.3	Ethylene glycol	9

Applications

One-component self-drying rubber paint, varnish for TPU, color paint for TPU, products with high elasticity and high toughness requirements.

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. 20KG/25KG/200KG/barrel

Tips: L-5600 has good adhesion to TPU and can be used as TPU treatment agent, TPU color paint, and self-drying rubber paint.

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.