

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 - 7,000
Solid Content %	30 ± 2
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mgkoH/g)	2
Tg (°C)	20
Elongation at Break %	350
Solvent	Butyl acetate, butanone

Product Features

Excellent adhesion to TPU
High flexibility with elongation at break up to 350%
Outstanding interlayer adhesion
Good hand feel and recovery performance
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

Single-component self-drying rubber coatings; varnishes for TPU; colored coatings for TPU; products requiring high elasticity and high toughness elasticity and high toughness requirements

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-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.