

L-1200B Good Adhesion PU Resin for Inks

Description

L-1200B is an extremely low-odor acrylic copolymer containing OH groups, which has good wettability for pigments and prevents paint from floating and blooming. It has good compatibility with polyester resin, epoxy resin, fatty acid alkyd resin and amino resin. The resin also has excellent light resistance and color retention, and good resistance to yellowing. Its extremely low odor makes it very suitable for use in environmentally friendly screen printing inks and low-odor coatings.

Technical data

Appearance	Colorless transparent liquid
Viscosity (25°C, CPS)	30,000 - 38,000
Solid content %	55±2
OH value (solid content)	57 mgKOH/g
OH % (solid content)	1.7
Acid value (solid)	2-5 mgKOH/g
Solvents	DBE

Performance

Good adhesion to ABS, PC, PC+ fiber, PA and PA+ fiber, PMMA, fiberglass, TPU and other plastics, various stainless steel, tinplate, aluminum alloy, zinc alloy, magnesium alloy, copper and other metal substrates.

Good compatibility with CAB, good arrangement of silver powder, good adhesion between layers, and good pigment dispersion.

It has good recoatability, and the adhesion is still very good after screen printing UV, PU and boiling.

Low odor, slow drying, screen printing does not block the screen, very suitable for various special inks

Good resistance to yellowing.

Reference formula

PU silk screen white paint

L-1200B resin	60
T-12 (drier)	0.1
Titanium dioxide	30
Lencolo 4003	2
Lencolo 2190	0.4
Lencolo 3108	0.3
Thinner	7.2

PU silk screen white paint: 3390 curing agent =12: 1

Applications

PU glass ink, PU ceramic ink, PU hardware ink, general PU ink, baked metal ink

Precautions

It is a low hydroxyl PU. It can be added without curing agent or with 5-10% curing agent. The performance will be better.

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/200KG/barrel

Tip: : L-1200B is mainly used for screen printing ink, with good adhesion to aluminum, stainless steel, glass, ceramics and other substrates.

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.