

L-9400W PU Quick-drying Wear-resistant Resin

Description

L-9400W a water-soluble UV polyurethane acrylic resin modified by a special process. Good water solubility, low viscosity, high reaction speed, good wetting of pigments, good adhesion, good polishability, low yellowing, good interlayer adhesion, high transparency and high gloss. It can be used in the 3D printing UV industry and can be cleaned with tap water before curing. It can also be used in water-based UV coatings and conventional UV coatings.

Technical data

Appearance	Milky white lotion
Viscosity (mPa.s)	500-4,000
Solid content %	46±2
Hydroxyl content	3.9
pH value	7±1
Average particle size (nm)	80-120

Performance

It has high bearing capacity for pigments and fillers, good adhesion to ABS, ABS/PC, PC, wood equipment, and metal, and has excellent flexibility, water resistance, scrub resistance, and alkali resistance. High gloss, high hardness, high fullness and high weather resistance.

Applications

Used for two-component water-based plastic paint, two-component water-based metal paint, two-component water-based wood paint, two-component varnish, etc.

Reference formula

L-9400W water-based PU quick-drying topcoat

Main ingredient		Hardener	
Water	10.8	Water-based curing agent	80
Film-forming additives	3.5	PMA	20
Anti-mildew fungicides	0.2	Total	100
L-9400W water-based resin	70		
Lencolo 1190W dispersant	0.2	Main agent: curing agent=4-5: 1	
Lencolo 2024W Defoaming Agent	0.2		
Lencolo 3245W Substrate Wetting	0.3		
Lencolo 3103 soft touch Leveling Agent	0.3		
Color paste	14		
Thickening agent	0.3		
PH value adjuster	0.2		
Total	100		

Precautions

The product should be stored in a closed container to avoid freezing and high temperatures. It is recommended that the normal storage temperature is between 10°C and 25°C.

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

Tips:L-9400W is quick drying and has good wear resistance.

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.