

L-9380W Washable 3D Printing UV Resin

Description

L-9380W is a water-soluble UV-curable polyurethane acrylate resin modified through a special process. It features excellent water solubility, low viscosity, fast curing response, strong pigment-wetting ability, good adhesion, good sandability, low yellowing tendency, strong interlayer adhesion, high transparency, and high gloss. It is suitable for 3D-printing UV applications and can be cleaned with tap water before curing. It can also be used in waterborne UV coatings and conventional UV coatings.

Technical Data

Appearance	Transparent liquid
Viscosity (25°C, CPS)	120 - 180
Color Value (Gardner)	≤ 1
UV Component (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Acid Value (mgKOH/g)	≤ 3
Functional Groups	3.5

Product Features

Excellent water solubility and good water-dilutability; can be cleaned with tap water before curing
Low viscosity and fast curing response
Good pigment-wetting properties

Applications

Water-based wood sealing primer and topcoat; waterborne UV coatings for paper; waterborne UV coatings for plastics; 3D-printing UV systems; conventional UV coatings; etc.

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: 50 kg / 200 kg per drum

Tips:L-9380W features excellent water solubility and can be cleaned with tap water before curing. It has low viscosity, low odor, fast curing response, and good pigment-wetting properties.

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.