

L-61010 Liquid NVC (N-vinyl Caprolactam)

CAS#2235-00-9

Description

L-61010 It is a modified vinyl monomer suitable for light curing reaction, with extremely low viscosity, strong diluting ability, good balance between hardness and flexibility; it has excellent adhesion to most plastics and metals. It can be used for UV polymerization of various unsaturated systems such as UV coatings, UV inkjet, UV inks, UV adhesives, etc.

Technical data

Appearance	Colorless or yellowish transparent liquid
Viscosity (25°C, CPS)	8-15
Color number (APHA)	≤100
UV component (%)	100
Density (g/cm ³ , 25°C)	1.1 ± 0.1
Refractive index (nD at 25°C)	1.51
Boiling Point	128°C 21 mm Hg(lit.)
Functional group	1

Performance

Extremely low viscosity, and strong diluting ability, it is more suitable for UV inkjet systems that require lower viscosity.

There is a good balance between flexibility and hardness, especially for PET/PE, PMMA and other plastic substrates that are difficult to adhere to, and has excellent adhesion.

Faster UV curing speed can better adjust and balance all aspects of performance in 3D printing.

It can also maintain a low-viscosity liquid state in a low-temperature environment to 0 degrees, without crystallization, precipitation, etc.

Applications

UV adhesive, 3D UV printing, UV nail polish, UV ink, UV coating, etc.

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. 25KG/200KG/barrel

Tips : L-61010 Liquid NVC, very suitable for UV inkjet, low viscosity, fast curing speed, good adhesion to special substrates such as glass, PET, metal, etc.

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.