

L-61019(HEMA) Hydroxyethyl Methacrylate

CAS#868-77-9

Description

L-61019 is an acrylate monofunctional monomer for photocuring reaction, it has low odor, low irritation, and good pigment wettability.

Technical data

Appearance	Colorless transparent liquid
Molecular weight (g/mol)	<0.3
Color number (APHA)	≤60
Viscosity (25°C, CPS)	6-10
Density d (g/mL, 25/4°C)	1.072
Boiling point(°C, normal pressure)	95
Tg(°C)	55
Refractive index	1.453
Functional group	1

Performance

It can improve the cross-linking degree of the resin, the bonding strength and the chemical corrosion resistance, and the cross-linking agent (different cyanate, etc.) show high activity. Synthetic polymers have excellent gloss, weather resistance, hydrophilicity, oxygen permeability and transparency.

High elasticity, prevents scratches

Good wettability of pigment, easy to extinction.

Applications

Various synthetic UV resins, UV adhesives, UV nail polishes, UV inks, UV coatings, 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-61019 is one of the most commonly used UV monomers, with low odor, good wettability, and high cost performance.

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.