

L-61019(HEMA) Hydroxyethyl Methacrylate

CAS#868-77-9

Molecule Weight (g/mol): 130.15

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
Molecule 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

Product Features

Increases resin crosslinking, bonding strength, and chemical resistance; shows high reactivity with crosslinkers (e.g., isocyanates)

Polymers exhibit excellent gloss, weather resistance, hydrophilicity, oxygen permeability, and transparency

High elasticity helps prevent scratches

Good pigment wetting properties and easy matting

Applications

Various synthetic UV resins; UV adhesives; UV nail polishes; UV inks; 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: 25 kg / 200 kg per drum

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.