

**L-61060 (DEGDMA) Diethylene glycol dimethacrylate**CAS#: 2358-84-1 C<sub>12</sub>H<sub>18</sub>O<sub>5</sub>

Molecular weight (g/mol): 242.27

**Description**

**L-61060** DEGDMA is a bifunctional acrylate monomer with the characteristics of fast reaction speed, high hardness, and high temperature resistance. It is used as a cross-linking comonomer in various UV free radical polymerization reactions. It can also be used in adhesives (mainly anaerobic adhesives); sealant cross-linking agent; polyester processing, leather processing, paper processing aids; PMMA modification, plastic modification (hardening agent for plastics such as PVC); coatings (such as photo paper emulsion); rubber vulcanization cross-linking agent; rubber and synthetic resin modifier; moisture-proof film enhancer; printing resin plate, photosensitive material resin reaction agent; relief ink moisturizer; optical material photoresist; unsaturated resin diluent; UV adhesive, UV ink, UV coating, etc.

**Technical data**

Appearance	Transparent liquid
Color Value (APHA)	≤60
Acid value (mg KOH/g)	≤0.5
Viscosity (25°C, CPS)	3--10
Moisture %	≤0.2
Inhibitor (ppm)	≤150
Refractive Index	1.457
Surface tension Dynes/cm, 20°C	32.6
Glass transition temperature T <sub>g</sub> , °C	66
Functional Group	2

**Performance**

Low shrinkage, good adhesion

Good heat resistance, high weather resistance

Low viscosity, strong dilution

Low odor, low volatility

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### **Applications**

UV adhesives, UV inkjet, UV inks, UV coatings, UV wood coatings, etc.

### **Storage**

To prevent the product from being highly active and causing a polymerizing reaction, please seal it and store it away from heat sources and sunlight. The recommended storage temperature is no higher than 30°C. Unused products must be sealed and stored in a timely manner. Do not store them in the open. At 25°C and with ventilation, the safe storage period is 6 months.

25KG/200KG/barrel

**Tips: L-61060 has good high temperature resistance when used in solder resist ink.**

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.