

L-61060 (DEGDMA) Diethylene glycol dimethacrylate

CAS#: 2358-84-1 C12H18O5

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)	≤ 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 Tg, °C	66
Functional Group	2

Product Features

Low shrinkage, good adhesion
Good heat resistance, high weather resistance
Low viscosity, strong dilution
Low odor, low volatility

Applications

UV adhesives; UV inkjet; UV inks; UV coatings; UV wood 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-61060 exhibits excellent high-temperature resistance when used in solder mask inks.

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.