

**L-61027(GPTA) (propoxy) Glycerol Triacrylate**

CAS#52408-84-1

**Description**

**L-61027** is an acrylate monomer suitable for photopolymerization reactions and can be used in UV coatings, UV inks, UV adhesives, and other unsaturated UV-curable systems.

**Technical Data**

|                           |                    |
|---------------------------|--------------------|
| Appearance                | Transparent liquid |
| Molecular Weight (g/mol)  | 428                |
| Acid Value (mg KOH/g)     | 0.5 max            |
| Color Number (APHA)       | ≤ 50               |
| Viscosity (25°C, CPS)     | 80 - 120           |
| Density d (g/mL,25/4°C)   | 1.11               |
| Tg (°C)                   | 35                 |
| Refractive Index          | 1.462              |
| Surface Tension (dyne/cm) | 36                 |
| Functional Group          | 3                  |

**Product Features**

Fast curing  
Good hardness and flexibility  
Low volatility, low skin irritation  
Excellent pigment wetting and dispersibility

**Applications**

Coatings; inks; adhesives; wood; paper; plastic coatings; photosensitive materials; fiber treatment, 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-61027 has high reactivity, good flexibility, chemical resistance.**

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.