

**L-61047 (BZA) Benzyl acrylate**

CAS#: 2495-35-4

Molecular Structure: C10H10O2      Molecule Weight (g/mol): 162.2

**Description**

**L-61047** is a special monomer with monofunctional aromatic ring. It has low viscosity and high refractive index. It is used to adjust and control the refractive index very well. Serves as an intermediate in specialty polymers and a key monomer for synthesizing acrylate resins; commonly copolymerized in binary systems.

**Technical data**

Appearance	Transparent liquid
Color Number (APHA)	≤ 50
Viscosity (25°C, CPS)	3 - 10
Water (%)	≤ 0.1
Polymerization Inhibitor (ppm)	300 - 500
Refractive Index	1.512
Surface Tension Dynes/cm, 20°C	36.2
Tg (°C)	6
Acid Value (mgKOH)	≤ 1
Functional Group	1

**Performance**

low viscosity  
low shrinkage  
High refractive index  
high melting point

**Applications**

optical films; lens substrates; diffusion sheets; chemical intermediates; acrylate adhesive raw materials; and adhesives for electronic display materials; plastic coatings; optical fiber coatings; UV pressure-sensitive adhesives; UV adhesives; UV inks; inkjet inks; artist's inks.

**Storage**

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-61047 has excellent wetting, dispersion and stability for aromatic ring pigments.**

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.