

L-61047 (BZA) Benzyl acrylate

CAS#: 2495-35-4

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. It is used as an intermediate in special polymers and is an important monomer in the synthesis of acrylic resins, it is often used in binary system copolymerization.

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 film, Prism, diffuser film; Chemical intermediates, acrylic adhesive raw materials and adhesives for electronic screen materials; plastic coatings, optical fiber coatings; UV pressure-sensitive adhesives, UV adhesives; UV inks, inkjet; painting inks.

Storage

To prevent the product from polymerization and gelling, please keep it sealed and away from heat and light. Recommended storage temperature is not higher than 30°C. Unused products must be sealed and stored in a timely manner and cannot be stored in the open. Safe storage time is 6 months at room temperature(25°C) and under ventilation. 25KG/200KG/barrel.

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.