

L-61048 (BPA10EODA) Ethoxylated bisphenol A

CAS#: 66401-02-1

Description

L-61048 2-functional ethoxy esterified bisphenol A photocurable monomer. It can improve the hardness of the cured coating and also have better flexibility; it contains bisphenol A structure and a higher refractive index monomer. Used in formulated products to achieve higher gloss and optical transparency.

Technical data

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|--------------------------------|--------------------|
| Appearance | Transparent liquid |
| Color number (APHA) | ≤70 |
| Viscosity (25°C, CPS) | 400-800 |
| Water % | ≤0.1 |
| Polymerization inhibitor (ppm) | 100-300 |
| Refractive index | 1.545 |
| Surface tension Dynes/cm, 20°C | 42.9 |
| Tg(°C) | -7 |
| Acid value (mgKOH) | ≤0.5 |
| Functional group | 2 |

Performance

Low odor, low skin irritation, high hardness, high refractive index, high chemical resistance.

Applications

It is widely used in the photocuring polymerization reaction of various unsaturated systems such as UV coatings, UV 3D printing inks, UV screen printing inks, UV adhesives, UV solder mask inks, UV inkjet, UV nail polish, etc.

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-61048 is a good monomer for adjusting the balance of hydrophilicity and hydrophobicity in resin modification applications.

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.