

L-61048 (BPA10EODA) Ethoxylated bisphenol A

CAS#: 64401-02-1

Molecular Structure: C₂₅H₂₈O₆

Molecule Weight (g/mol): 780

Description

L-61048 2-functional ethoxy esterified bisphenol A photocurable monomer. that enhances the hardness of cured coatings while maintaining good flexibility; containing a bisphenol A structure, it also has a high refractive index, allowing formulations to achieve higher gloss and optical clarity.

Technical Data

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

Product Features

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 varnishes, UV adhesives, UV solder mask inks, UV inkjet, UV nail polish, 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-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.