

L-61016 Ethoxylated Trimethylolpropane Triacrylate

CAS#28961-43-5

Molecule Weight (g/mol): 692

Description

L-61016 Trifunctional functional monomer with high boiling point, high activity, low irritation and low viscosity. It has good compatibility with acrylic prepolymers, can be used as reactive diluent, used for UV and EB radiation crosslinking, and can also be used as a composition of crosslinking polymerization. It is also widely used in light-curable inks, surface coatings, In coatings and adhesives, and impart good wear resistance and hardness adhesion and gloss.

Technical Data

Appearance	Transparent liquid
Color Number (APHA)	≤ 100
Acid Value (mg KOH/g)	≤ 0.5
Viscosity (25°C, CPS)	80 - 110
Water (%)	≤ 0.2
Polymerization Inhibitor (ppm)	≤ 300
Refractive Index	1.473
Surface Tension (dyne/cm), 20°C	39.1
Functional Group	3

Product Features

Fast reaction speed with good flexibility

Low skin irritation

Low overall irritancy

Applications

Wood coatings; PVC coatings; plastic coatings; metal coatings; offset printing inks; flexo printing; screen printing varnishes; topcoat varnishes, 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-61016 is one of the most commonly used UV monomers, featuring fast reaction speed, good flexibility, and low irritancy

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.