

L-61013 Ethoxylated Trimethylolpropane Triacrylate

CAS#28961-43-5

Molecule Weight (g/mol): 428

Description

L-61013 is trifunctional monomer with characteristics of high boiling point, high activity, low volatility and low viscosity. It has good compatibility with acrylic polymer and can be used as reactive diluent for UV and EB radiation cross-linking, and can also become a composition of cross-linking polymerization. Widely used in light-curable inks, surface coatings, coatings and adhesives, and endows good abrasion resistance, hardness, adhesion and brightness.

Technical data

Appearance	Transparent liquid
Color Number (APHA)	≤ 50
Acid Value (mg KOH/g)	≤ 0.2
Viscosity (25°C, CPS)	40 - 80
Water (%)	≤ 0.2
Polymerization Inhibitor (ppm)	≤ 300
Refractive Index	1.473
Surface Tension (dyne/cm), 20°C	36.9
Tg (°C)	-40
Functional Group	3

Performance

Fast reaction speed with good flexibility

Low skin irritation

Low overall irritancy

Applications

Synthetic UV resins; UV adhesives; 3D UV printing resins; UV nail polishes; UV inks; UV coatings; water-based UV coatings, etc.

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-61013 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.