

L-61013 Ethoxylated Trimethylolpropane Triacrylate

CAS#28961-43-5

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 response, good flexibility
low skin irritation
low irritation

Applications

Synthetic UV resin, UV adhesive, 3D UV printing, UV nail polish, UV ink, UV coatings, water-based UV coatings, 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-61013 is one of the most commonly used UV monomers, with fast response, good flexibility and low irritation.

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.