

L-61026(TMPTA) Trimethylolpropane Triacrylate

CAS#15625-89-5

Description

L-61026 Trifunctional functional monomer with high boiling point, high activity, low volatility, low viscosity properties. It has good compatibility with acrylic prepolymer and can be used as reactive diluent used 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 and hardness adhesion and brightness.

Technical data

Appearance	Transparent liquid
Color number (APHA)	≤50
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)	36.6
Vitrification temperature Tg,°C	62
Functional group	3

Performance

High crosslink density, good wear resistance, high surface hardness, high gloss, high reactivity.

Applications

Wood coatings, PVC coatings, plastic coatings, metal coatings, offset printing inks, flexographic printing, screen printing, varnishes, 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-61026 is one of the most commonly used UV monomers, with fast response and high cost performance.

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.