

L-61025(TPGDA) Tripropylene Glycol Diacrylate

CAS#42978-66-5

Description

L-61025 is a bifunctional functional monomer with low skin irritation, low shrinkage, high active features, it can be used as a reactive diluent in the radiation crosslinking of UV and EB, also be a cross-linked polymer composition, and can endow the light-cured film with better flexibility and stability.

Technical data

Appearance	Transparent liquid
Color number (APHA)	≤50
Acid value (mg KOH/g)	≤0.5
Viscosity (25°C, CPS)	10-15
Water(%)	≤0.2
Polymerization inhibitor (ppm)	≤300
Refractive index	1.449
Surface tension (dyne/cm)	33.3
Vitrification temperature Tg,°C	62
Functional group	2

Performance

Low viscosity, low volatility, good flexibility

Applications

Wood coatings, PVC coatings, plastic coatings, offset printing inks, flexographic printing, screen printing brushes, 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

Tip: L-61025 is one of the most commonly used UV monomers, with good flexibility 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.