

L-61025(TPGDA) Tripropylene Glycol Diacrylate

CAS#42978-66-5

Molecule Weight (g/mol): 300

Description

L-61025 is a difunctional reactive monomer characterized by low skin irritation, low shrinkage, and high reactivity. It serves as an active diluent in UV and EB radiation curing systems, participating in crosslinking polymerization and providing excellent flexibility and stability to cured films.

Technical Data

Appearance	Transparent liquid
Color Number (APHA)	≤ 50
Acid Value (mg KOH/g)	≤ 0.5
Viscosity (25°C, CPS)	15 - 25
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

Product Features

Low viscosity, low volatility, good flexibility

Applications

Wood coatings; PVC coatings; plastic coatings; offset printing inks; flexographic printings; 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-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.