

L-61038(TMPTMA) Trimethylolpropane Trimethacrylate
CAS#3290-92-4

Description

L-61038 Trifunctional functional monomer with high activity, low volatility, low viscosity, high cross-linking density and other characteristics. It has good compatibility with acrylic prepolymers, can be used as a reactive diluent, used for UV and EB radiation crosslinking, and copolymerized with other acrylates, which can significantly improve its heat resistance, weather resistance, mechanical strength and optics performance, etc., and is also widely used in light-curable inks, surface coatings, coatings and adhesives, and imparts good wear resistance, solvent resistance, hardness, adhesion and brightness

Technical data

Appearance	Transparent liquid
Color number (APHA)	≤200
Acid value (mg KOH/g)	≤0.2
Viscosity (25°C, CPS)	30-60
Water(%)	≤0.2
Polymerization inhibitor (ppm)	≤500
Refractive index	1.471
Surface tension (dyne/cm)	32.2
Special gravity	1.060-1.070
Functional group	1

Performance

Gives good abrasion resistance, solvent resistance, hardness, adhesion and brightness
High activity, low volatility, low viscosity, high cross-linking density and other characteristics.
Good compatibility with acrylic prepolymer, can be used as reactive diluent
Copolymerization with other acrylates can significantly improve its heat resistance, weather resistance, mechanical strength and optical properties, etc.

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-61038 High crosslink density, good heat and solvent resistance, good hardness and scratch resistance.

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.