

L-61033(Di-TMPTA) Ditrimehylolpropane Tetraacrylate  
CAS#94108-97-1

Description

**L-61033** Four-functional functional monomer with high boiling point, high activity, low volatility, low viscosity. It has good compatibility with acrylic prepolymer and can be used as reactive diluent agent used for UV and EB radiation crosslinking, and can also become a composition of crosslinking polymerization. At the same time, it is also widely used in light-curable inks, surface coatings, coatings and adhesives, and imparts good wear resistance and hardness adhesion and brightness.

Technical data

Appearance	Transparent liquid
Color number (APHA)	≤100
Acid value (mg KOH/g)	≤1.0
Viscosity (25°C, CPS)	450-750
Water(%)	≤0.2
Polymerization inhibitor (ppm)	≤500
Refractive index	1.476
Surface tension (dyne/cm)	36
Tg(°C)	42
Functional group	4

Performance

Endow good wear resistance, hardness, adhesion and brightness  
High boiling point, high activity, low volatility, low viscosity etc.  
Good compatibility with acrylic prepolymers, can be used as reactive diluent  
There are flexible ether bonds, which can ensure that the material has better elasticity and toughness, improve brittleness after curing.

Applications

Wood coatings, PVC coatings, plastic coatings, metal coatings, offset printing inks, flexographic printing brushes, 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-61033 Excellent reactivity, good hardness, wear resistance, low irritation, high chemical 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.