

L-61055 (TMCHA) 3,3,5-trimethylcyclohexyl acrylate

CAS#: 86178-38-3

Description

L-61055 acrylic monofunctional photocurable monomer. It has the characteristics of low odor and little irritation to the skin; low viscosity and strong dilution ability; low surface tension and good wettability of the substrate; high glass transition temperature and good balance between hardness and toughness. It has outstanding wettability and adhesion promotion effects on various plastic substrates.

Technical data

Appearance	Transparent liquid
Color number (APHA)	≤50
Viscosity (25°C, CPS)	2-8
Water%	≤0.2
Polymerization inhibitor (ppm)	100-300
Refractive index	1.453
Surface tension Dynes/cm, 20°C	27.1
Tg(°C)	43
Acid value (mgKOH)	≤0.5
Functional group	1

Performance

Low odor, high hydrolysis resistance, low shrinkage, good toughness

Applications

Widely used in photo-curing polymerization fields such as UV coatings, UV 3D printing inks, UV screen printing inks, UV adhesives, UV glues, and UV inkjet.

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-61055 has light color and good compatibility; it wets the substrate well and can be used as a solubilizer.

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.