

L-6109(CA) Caprolactone Acrylate

CAS#110489-05-9

Description

L-6109 It is a comonomer formed by the joint action of caprolactone and acrylic acid. When they are used as a monomer to carry out copolymerization reaction with other low molecular weight active chemical substances, the synthesized copolymer has high flexibility similar to caprolactone. properties, excellent hydrolysis resistance, chemical corrosion resistance and good chemical compatibility, etc., especially its strong impact toughness.

Technical data

Appearance	Transparent liquid
Molecular weight	334
Color number (APHA)	≤50
Viscosity (25°C, CPS)	26-29
Density d (g/mL, 25/4°C)	1.06
Tg(°C)	47
Refractive index	1.463
Surface tension (dyne/cm)	31.3
Functional group	1

Performance

Monofunctional monomer with low skin irritation, low volatility and low irritating odor;
Chemical resistance, weather resistance, flexibility, high impact strength and abrasion resistance for synthetic acrylic resins;
It can also be used alone as a UV thinner;
Cationic photocuring and synthesis are also possible.

Applications

Widely used in coatings, inks, adhesives and other systems.

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-6109 has low odor, high flexibility, low shrinkage.

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.