

L-61036(LMA) Lauryl Methacrylate

CAS#142-90-5

Molecule Weight (g/mol): 255

Description

L-61036 is a monofunctional monomer with excellent flexibility, low shrinkage, and outstanding weather and water resistance. Its homopolymer has the lowest softening point (-65 °C), providing excellent flexibility. It can enhance the solubility, hydrophobicity, and internal plasticization of resins.

Technical Data

Appearance	Transparent liquid
Color Number (APHA)	≤ 60
Acid Value (mg KOH/g)	≤ 1.0
Viscosity (25°C, CPS)	10 - 15
Water (%)	≤ 0.2
Polymerization Inhibitor (ppm)	300
Refractive Index	1.441
Surface Tension (dyne/cm)	28.9
Tg (°C)	-65
Functional Group	1

Product Features

Excellent flexibility and low shrinkage

Good weather resistance and water resistance

Used in coatings, inks, and adhesives to produce elastic and soft resins with good

Good performance at low temperature

Applications

Synthetic chemical intermediates; synthetic resins; wood coatings; plastic coatings; varnishes; UV adhesives

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-61036 is a special UV monomer with good flexibility, low shrinkage, weather resistance and water 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.