

L-61018(LA) Lauric Acrylate

CAS#2156-97-0

Description

L-61018 It is an acrylate monomer suitable for photocuring reactions. It can be used for UV polymerization in coatings, UV inks, UV adhesives, and other unsaturated systems.

Technical data

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|-------------------------------------|--------------------|
| Appearance | Transparent liquid |
| Molecular Weight (g/mol) | 240 |
| Acid Value (mg KOH/g) | 0.5 max |
| Color Number (APHA) | ≤ 100 |
| Viscosity (25°C, CPS) | 4-10 |
| Density d (g/mL, 25/4°C) | 0.884 |
| Boiling Point (°C, normal pressure) | -28 |
| Tg (°C) | -26 |
| Refractive Index | 1.442 |
| Surface Tension (dyne/cm) | 28.8 |
| Functional Group | 1 |

Performance

Low viscosity with good weather resistance

Excellent flexibility and low shrinkage, with low surface tension

Superior water resistance due to hydrophobic aliphatic long main chain

Applications

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

Storage

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-61018 offers excellent water resistance, good flexibility, strong weather resistance, and 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.