

L-61053 (IDA) Isodecyl acrylate

CAS#: 1330-61-6

Molecule Weight (g/mol): 211

Description

L-61053 is an acrylate monomer containing a long hydrophobic linkage, offering excellent flexibility, heat resistance, water resistance, and hydrophobicity. It is suitable for use in various unsaturated UV polymerization systems such as UV coatings, UV inks, and UV adhesives.

Technical Data

Appearance	Transparent liquid
Color Number (APHA)	≤ 80
Acid Value (mgKOH)	≤ 0.5
Viscosity (25°C, CPS)	3 - 10
Water (%)	≤ 0.2
Polymerization Inhibitor (ppm)	≤ 100
Refractive Index	1.438
Surface Tension Dynes/cm, 20°C	28.2
Tg (°C)	-60
Functional Group	1

Product Features

Low shrinkage and good flexibility
Outstanding heat resistance and high weatherability.
Low cross-linking density and good hydrophobicity
Extremely low volatility with excellent plasticizing effect.

Applications

UV adhesives, UV inkjet, UV inks, UV coatings, UV hydrophobic coatings, etc.

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-61053 is an acrylate monomer containing a long hydrophobic linkage, providing an excellent plasticizing effect.

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.