

L-61053 (IDA) Isodecyl acrylate

CAS#: 1330-61-6

Description

L-61053 is an acrylic monomer containing longer hydrophobic links. It has good softness, good heat resistance, water resistance and hydrophobicity. This product is used in UV polymerization reactions of various unsaturated systems: 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

Performance

Low shrinkage and good flexibility
Good heat resistance and high weather resistance
Low cross-linking density and good hydrophobicity
Very low volatility and good plasticizing effect

Applications

UV adhesive, UV inkjet, UV ink, UV coating, UV hydrophobic coating, etc.

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-61053 contains acrylate monomers with longer hydrophobic links and has better 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.