

L-61050 (SMA) Stearyl Methacrylate

CAS#: 32360-05-7

Description

L-61050 with aliphatic long chain alkyl acrylate. It has excellent hydrophobicity, water resistance and lipophilicity, and can be used to synthesize crude oil pour point depressant, viscosity reducer, fabric waterproof and oil-proof agent, leather waterproof agent, oil-absorbing resin, lubricating oil additive, etc. L-61050 has more carbon atoms acrylic monomer, which can cross-link with resin and can be used in many fields such as UV coatings, UV inks, EB electron beams, adhesives, and paper coating resins.

Technical data

Appearance	Transparent liquid
Color number (APHA)	≤50
Viscosity (25°C, CPS)	6~8 In solid state below 20°C
Water%	≤0.1
Polymerization inhibitor (ppm)	100-300
Refractive index	1.45
Surface tension (Dynes/cm, 20°C)	38
Tg(°C)	-100
Acid value (mgKOH)	≤0.5
Functional group	1

Performance

Excellent flexibility
Good water resistance
Low shrinkage properties
High lipophilicity

Applications

It is widely used in the photocuring polymerization of various unsaturated systems such as UV coatings, UV 3D printing inks, UV screen printing inks, UV adhesives, UV solder mask inks, UV inkjet, UV nail polish, electron beams, 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-61050 can greatly improve surface hardness and wear resistance if applied in EB curing system.

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.