

L-61044 (PEG(400)DA) Polyethylene glycol(400)diacrylate

CAS#: 26570-48-9

Description

L-61044 is an acrylic water-soluble monomer suitable for photocuring reactions. It has the characteristics of low skin irritation, low odor, light color, good miscibility, and good reaction speed balance. It has a certain adhesion-promoting effect on various substrates. The cured film obtained by free radical initiation has both good toughness and hardness, and can also enhance wear resistance and scratch resistance.

Technical data

| | |
|--------------------------------|--------------------|
| Appearance | Transparent liquid |
| Color number (APHA) | ≤80 |
| Viscosity (25°C, CPS) | 30-80 |
| Water(%) | ≤0.2 |
| Polymerization inhibitor (ppm) | 300-400 |
| Refractive index | 1.466 |
| Surface tension (dyne/cm 20°C) | 42.6 |
| Tg(°C) | 3 |
| Functional group | 2 |

Performance

Chemical resistance, flexibility, adhesion, low shrinkage, impact strength.

Applications

L-61044 can be used for UV polymerization of various unsaturated systems such as UV coatings, UV inks, UV adhesives, PVC floors, wood coatings, paper coatings, 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-61044 has low skin irritation, low odor, light color, good miscibility, and good reaction speed and balance.

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.