

L-61040(HPMA) Hydroxypropyl Methacrylate

CAS#27813-02-1

Description

L-61040 Monofunctional functional monomer, containing vinyl double bonds in the molecule, can be polymerized with various unsaturated monomers to form polymers with hydroxyl functional groups in the side chains, and can also be used for acrylate functional monomers in photocuring reactions Body, low odor, low irritation, good pigment wettability.

Technical data

Purity (hydroxyester m/m%) (%)	≥98
Appearance	Colorless transparent liquid
Density g/cm ³ (25°C)	1.066
Boiling point °C (0.933kPa)	90-93
Flash point °C (open cup)	96.7
Refractive index	1.446
Color number (APHA)	≤40
Monoester content m/m%	≥97
Functional group	1

Performance

Good elasticity, good scratch resistance, good gloss retention of pigments.

Applications

It is mainly used in the manufacture of hydroxy acrylic resins with active groups.

Coating industry and epoxy resin, diisocyanate resin and other configurations for the manufacture of two-component coatings.

In the oil industry, it is used as an additive for lubricating oil washing.

Adhesives used in the textile industry to manufacture fabrics, chemical reagents in analytical chemistry, 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

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.