

L-61037(4-HBA) 4-hydroxybutyl Acrylate
CAS#2478-10-6

Description

L-61037 Monofunctional, highly cross-linkable acrylate that can improve low-temperature hardening, softness, scratch resistance and acid rain resistance of coatings and coating materials, long-chain monomer, can improve polymer softness and reactivity Good, fast curing speed, low odor, low skin irritation, weather resistance, lowest softening point of homopolymer (-65 degrees), good windability.

Technical data

Appearance	Transparent liquid
Color number (APHA)	≤20
Acid value (mg KOH/g)	≤1.0
Viscosity (25°C, CPS)	6-12
Water(%)	≤0.2
Polymerization inhibitor (ppm)	300
Refractive index	1.452
Surface tension (dyne/cm)	28.9
Tg(°C)	-65
Functional group	1

Performance

Acrylate containing two functional groups of double bond and hydroxyl group in the molecule It has hydroxyl groups with high degree of freedom and strong reactivity, which can improve the low-temperature curability, flexibility, scratch resistance, adhesion and acid rain resistance of coatings.

Used as a raw material for adhesives, it improves bonding strength, correction and durability, and is effective in improving fit.

Water-soluble, can be used as water-based UV monomer

Applications

Synthetic chemical intermediates, synthetic resins, wood coatings, plastic coatings, varnishes, UV adhesives, water-based UV coatings.

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-61037 is a special UV monomer with little skin irritation, good flexibility, weather resistance and water solubility.

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.