AM-331 CLAP

Caprolactone-modified Acrylate Phosphate

INTRODUTION

AM-331 phosphate acrylate monomer has good compatibility and low odor. It promotes adhesion to inorganic materials and is a commonly used adhesion promoter in adhesives, metal coatings, and glass coatings. It offers relatively good water resistance and flexibility. It has excellent compatibility with epoxy, polyester, acrylate, and other resin systems.

TYPICAL VALUES

Tg(℃)	-22
Functionality	1
Surface tension Dynes	32
Colour, Gardner	3
Refractive Index	1.475
Acid value,mg KOH/g	max.120
Viscosity at 25℃,cPa.s	150

APPLICATION

UV Coatings:

AM-331 acrylate monomer is commonly used in coatings to improve adhesion to oxidized metals, glass, metal plating, and other substrates. It has moderate curing speed and good water resistance. The recommended dosage is low, with obvious effects.

UV Adhesives

Used in combination to improve adhesion to inorganic composite materials, ceramics, oxidized metals, etc.

UV Inks

Used in combination to improve adhesion to inorganic materials.

INTERMISCIBILITY

Monomers: Good solubility with various monomers.

Solvents: Compatible with various conventional organic solvents.

Polymers: Completely miscible with pure acrylic, polyester, epoxy, acrylic, and other resins. Adjust the formulation according to application requirements.

Packaging: 20kg plastic drum, 200kg steel drum

More detailed application reference materials and MSDS are available upon request.……