

2-Hydroxy Propyl Acrylate

APPLICATION

Hydroxyl functional acrylic monomers can be used in a variety of ways to produce resins that are useful in high performance coating applications. Using typical methods for the polymerization of ethylenically unsaturated monomers, hydroxypropyl acrylate (HPA) can be used to attach hydroxyl groups to an acrylic polymer backbone. The pendant hydroxyl groups can then act as sites for reaction with a variety of cross-linking agents. HPA allows faster curing cycles and/or reduced baking temperatures, compared with hydroxyalkyl methacrylates. Also HPA can be formulated at higher solids in coating applications.

SPECIFICATION

Item	Data
Appearance	Transparent liquid
Purity %	97.0 min
Water,%	0.3 max
Color (Pt-Co)	30 max
Free Acid,%	0.5 Max.
Inhibitor (MEHQ) ppm	400+/-40(As agreed upon between the buyer and the seller)

PACKING

In polyethylene drums (net weight 200kg) or iso-tank