

Epoxy Acrylate

Description

UVP 0600, is a difunctional Bisphenol A epoxy acrylate. This product is characterised by its light colour and high reactivity. It is mainly contributed by the epoxy resin backbone consisting of Bisphenol A and epichlorohydrin reaction product. The two acrylic groups contribute the excellent UV and EB curing properties.

Product Highlights

- High reactivity
- Light Colour
- Low Odour
- Low irritants
- Compatible with wide range of monomers and oligomers.

Performance Verification

- Chemical resistance
- High surface hardness
- High Gloss
- Fast cure response
- Excellent solvent resistance
- Good water resistance

Suggested Applications

- Over print varnish
- Coatings for paper ,plastic,glass, metal, floor
- Lithographic offset and screen inks
- Metal decorating vehicles
- Adhesives for binder, pressure sensitive, structural.
- Cardboard , Chipboard, paper and rigid plastic
- Optical and wood coatings

UVP 0600 Typical Physical and Chemical Properties
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Appearance	Clear Viscous liquid
Color in Gardner scale Maximum	2
Density g/Cm3	1.13
Viscosity @ 60 C in Cps	3000 - 3500
Functionality	2
Molecular Weight	500
Oligomer wt %	100
Tg C	67
Shrinkage	10.8
Surface tension	42

Storage And Handling

Should be stored in cool dark place, Avoid direct sunlight exposure on the stored /in use material. Please refer to Material safety data sheet for more information regarding storage and handling conditions.

PACKING CODES

PAC 0113	Polyethylene open head drums	200 Kgs
PAC 0121	Polyethylene open head drums	90 Kgs
PAC 0131	Polyethylene open head drums	50 Kgs
PAC 0150	Polyethylene open head screw top pails	10 Kgs