

Epoxy Acrylate Oligomer Gel

Description

UVP 0610, is a difunctional Bisphenol A epoxy acrylate oligomer gel. 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

Ultra violet curable inks

UVP 0610 Typical Physical and Chemical Properties	
Appearance	Clear Viscous liquid
Colour in Gardner scale Maximum	2
Acid Value mg Koh/g maximum	5
Viscosity by FCB4 30 C(in 40%TPGD65 +- 5	
Functionality of epoxy acrylate	2
Molecular Weight	500
Oligomer wt %	100

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