

## DIETHYLENE GLYCOL DIACRYLATE

### Description

UVP 0203, Di ethylene glycol diacrylate (DEGDA) is a Difunctional monomers, which polymerize when, expose to sources of free radicals. It is a high boiling monomer with low vapour pressure .It is compatible with a wide range of acrylated resins.

### Product Highlights

Low Volatility and viscosity.  
Light Colour  
Compatible with wide range of oligomers  
Low Draize rating  
Good solvency to acrylate oligomers

### Performance Verification

Good cure response at low cross link density  
Good Solvent and abrasion resistance  
Good Chemical resistance  
Impact Stregth  
Water Resistance  
Hardness

### Suggested Applications

Adhesives for paper lamination.  
Photopolymers  
Over print Varnish  
Wood Coatings  
Wood fillers and topcoats  
Lithographic inks  
Screen Printing Inks  
Coatings  
Photoresists  
Solder Marks

### UVP 0203 Typical Physical and Chemical Properties

Appearance	Clear Liquid
Colour in Gardner scale Maximum	1
Acid Value mg Koh/g maximum	1
Viscosity @ 25 C in Cps	12
Viscosity by FCB4 30 C	14 + - 2
Functionality	2
Molecular Weight	214
Density g/Cm <sup>3</sup>	1.116 +- 0.01
Refractive index	1.459
Tg C	100
Surface Tension dynes/cm	38.2

### 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 0115 Polyethylene closed head drums Black 200 Kgs  
PAC 0122 Polyethylene closed head drums Black 90 Kgs  
PAC 0132 Polyethylene closed head drums Black 50 Kgs  
PAC 0141 Polyethylene closed head drums Black 20 Kgs

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