

DIETHYLENE GLYCOL DIACRYLATE

Description

UVP 0204, Neo-Pentyl Glycol diacrylate (NPGDA) is a Difunctional monomers, which polymerize when, expose to sources of free radicals. It has good chemical resistance and high reactivity .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 0204 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 | 10 |
| Viscosity by FCB4 30 C | 14 + - 2 |
| Functionality | 2 |
| Molecular Weight | 212 |
| Density g/Cm3 | 1.03 +- 0.01 |
| Refractive index | 1.4503 |
| Tg C | 107 |
| Surface Tension dynes/cm | 32.8 |

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

Version 01

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Supersedes : _ _

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