

## Aliphatic Urethane Acrylate

### Description

UVP 0225, is a aliphatic urethane diacrylate oligomer. Films of UVP 0225 cured by ultraviolet light exhibit good flexibility, light colour, and good adhesion to various substrates. It has excellent resistance to polar solvent and has good chemical resistance.

### Product Highlights

Good weatherability  
 Low Shrinkage  
 Good Chemical Resistance  
 Good adhesion to various substates

### Performance Verification

Adhesion to various surfaces  
 Good Hardness and chemical resistance  
 High abrasion resistance

### Suggested Applications

Lithographic gravure and screen inks  
 Coatings in rigid & flexible plastic  
 Wood Coatings  
 Textile coatings  
 Metal coatings  
 Paper Coatings

<b>UVP 0225</b> <b>Typical Physical</b> <b>and Chemical Properties</b>
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Appearance	Clear Viscous liquid
Colour in Gardner scale Maximum	2
Acid Value mg Koh/g maximum	5
Viscosity by FCB4 30 C(40% in TPGL 60 -80	
Functionality	2
Molecular Weight	1500
Density g/Cm <sup>3</sup>	1.12 +- 0.01

### 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