

**MACRKYD ACRY-301**

Short Oil Pentaerythritol Esterified Alkyd Resin modified with Castor Oil Copolymerized with Acrylic Monomer

**PRINCIPAL PROPERTIES**

- Excellent deep drawing properties
- Good adhesion
- Excellent and well tooling properties
- Good color and color retention

**APPLICATIONS**

- Can coating
- Tin printing ink & clear coat for tin
- Aluminium based caps & closures
- Aluminium collapsible PU tubes coating
- Industrial paints

**PHYSICAL CONSTANTS**

|   |        |
|---|--------|
| Solid % (120°C / 1 hr)  | 60 ± 2 |
| Appearance  | Clear  |
| Colour on Gardner scale   | 4 max  |
| Acid Value (On Solid) (mg KOH/gm)   | 10 max |
| Viscosity in sec (of 42% solution in garomax solvent at 30°C in FcB4 cup) | 90-110 |

**MACRO POLYMERS PVT. LTD.**

165, Mahagujarat Ind. Estate, Sarkhej-Bavla Road, P.O. Moraiya,  
Tal. Sanand, Dist.: Ahmedabad-382213. Phone : + 91 7600060933  
Website : [www.macropolymers.com](http://www.macropolymers.com)

CIN : U17119GJ1994PTC024006

## SOLUBILITY

|               |           |
|---------------|-----------|
| Mix Xylene    | Soluble   |
| Butyl Acetate | Soluble   |
| N-Butanol     | Insoluble |
| Toluene       | Soluble   |
| MTO / W.S.    | Insoluble |

## COMPATIBILITY

|                         |            |
|-------------------------|------------|
| MACRO POL PB-260 (100%) | Compatible |
| UF Resin                | Compatible |
| MF Resin                | Compatible |
| MACOXY ESTER 3560 (60%) | Compatible |
| MACRO POL MRGLY (100%)  | Compatible |

## DELIVERY FORM

|                  |                    |
|------------------|--------------------|
| MACRKYD ACRY-301 | 60 ± 2% in Garomax |
|------------------|--------------------|

## SHELF LIFE

|          |
|----------|
| 2 Years* |
|----------|

\*Material should be stored in the original unopened containers under the shaded area at ambient temperature. Once opened and material used partially, after use the container must be properly sealed to avoid water and air contamination.



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