

CREST COMPOSITES & PLASTICS PVT. LTD.

C'POL - H841

Product Description:

C'POL-H 841 is a low viscosity modified acrylate resin specially designed for Pultrusion process. Structures made with C'POL-H841 exhibit good mechanical properties and the resin can take high filler loading.

Salient Features:

C'POL-H 841 is designed for high speed Pultrusion processing with improved finish and reduced shrinkage.

Physical Properties of Liquid Resins:

| | |
|---|-----------------------|
| Colour & Appearance | : Clear Amber Liquid. |
| Viscosity @25°C (cps) | : 175 ± 25 |
| Acid Value (mgs.KOH /g.) | : 2 ± 1 |
| Specific Gravity @ 25°C | : 1.09 ± 0.01 |
| Monomer Content (Wt.%) | : 58 ± 2 |
| Gel time @140°C (mts) (With 1.3% TBPB *) | : 90 ± 20 Sec. |

*** Tertiary Butyl Perbenzoate:**

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Properties of Unreinforced Cast Resin

(Cured for 24 hrs. at room temperature followed by for 8 hrs. at 100°C)

| | |
|----------------------------------|-------|
| Tensile Strength (MPa) | : 75 |
| Flexural Strength (MPa) | : 120 |
| Heat Distortion Temperature (°C) | : 100 |

Caution:

C'POL - H 841 is of limited shelf life. Storage in low humidity environment below 25°C in securely closed containers is recommended. Exposure of container to direct sunlight should be avoided at all costs. Material is guaranteed for a shelf life of 60 days from manufacturing date when stored at suggested conditions. Storage at higher temperatures will adversely affect shelf life.

Note:

All the above information is based on the results of tests carried out at our laboratories to the best of our ability. The figures are intended to give a general indication of the characteristics of the product. No liability must be assumed or implied as a result of the data given.

For trade inquiries please call on:

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