



CREST COMPOSITES & PLASTICS PVT. LTD.

Product Data

C'POL 1911

❖ Product Description :

C'POL 1911 is a medium viscosity, high reactivity unsaturated polyester resin based on Phthalic anhydride and standard glycols. The resin can take high filler loadings as required by Quartz formulations.

❖ Applications:

The resin has a low cure time enabling faster production rate. The mouldings with this resin exhibit good mechanical properties and have an excellent surface finish.

❖ Physical Properties Of Liquid Resins:

- Colour & Appearance : Clear light yellow liquid
- Viscosity @ 25°C (cps.) : 550 - 650
- Acid Value (mgs.KOH/gm.) : 10 - 25
- Specific Gravity @ 25 Deg.C. : 1.11 1.15
- Monomer content (wt.%) : 30 - 36
- Geltime @ 80°C (mins) : 4 - 10
(with 0.6% Accelerator* & 0.6% Catalyst**)
- Peak Exotherm(°C) : 210 - 230
- Barcol Hardness : min.45

*Accelerator: 3% solution of Cobalt Octoate (with 9% active Oxygen)

** Catalyst: AkzoNobel Trigonox S 21

Note: Properties are tested in accordance with methods described in IS 6746 -1994.

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