orgi CHEMIE LLC

ORGI CHEMIE FZ LLC

OCPOL 510

Ocpol 510 is a Orthophthalic non-thixotropic Polyester non-accelerated resin.It imparts outstanding water resistance and it is suitable for building boats, water tanks, bath tubs shower trays etc.

Recommendation for Laminating:

Parts by weight	
Ocpol NA	100
Catalyst M 50	2
Cobalt Octate 1%	2

Application:

- To start the curing reaction, first mix the cobalt octate thoroughly with the resin to disperse all the components evenly.
- The stirring must be thorough and careful as any air introduced into the resin mix affects the quality of the final moulding.
- Catalyst M 50 should be added to the resin system shortly before application to initiate the polymerization reaction.
- It is important to add the catalyst in carefully measured amounts to control the polymerization. Too much catalyst will cause too rapid a gelation time, whereas too little catalyst will result in undercure.
- Care must be taken to avoid explosive violence. Do not mix catalyst and cobalt octate or any accelerator together.

Properties of Liquid Resins:

Appearance	Cloudy
Colour	Pale yellow
Viscosity at 25°C (Brookfield, sp. 3 @ 60rpm)	450 - 550 cps
Gel Time at 25°C	16 ± 3 min.
Acid value mg KOH/g	24 ± 2
Solid content %	61± 2
Specific Gravity at 25°C	1.11 – 1.13

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