

Since 1955 Orthophthalic, Isophthalic  
and DCPD resins for all the  
major fields of application

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**R**

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BUILDING INDUSTRY

**NEWS dated 10th September 2007**

**New Unsaturated Polyester resins for RTM and INFUSIONE (VIP).**

➤ **R 96.02 INF: DCPD resin for Infusion.**

R 96.02 INF is a polyester DCPD, not pre-accelerated and not thixo resin, having good mechanical and thermal characteristics. It was developed to produce manufactures by the different technologies of injection and infusion (VIP) included.

R 96.02 D has a good penetration into the reinforcing layer without air-bubbles formation, a low shrinkage (practically null into a reinforced systems) and after the demoulding the manufacture surfaces are hard and dried.

R 96.02 INF was formulated to be used with MEKP having a high content of active oxygen (Perexter B18, Butanox M50, Luperox K1, Andonox KP-9), to have a higher curing grade and therefore better mechanical and chemical characteristics.

In spite of the use of peroxides having a good activity, the polymerization temperature is under control.

You can also use MEKPs which are especially developed for infusion technologies.

Working times of the R 96.02 INF can be selected from 30 to 300 minutes, according to the kind of accerant and the kind of peroxide contained.

R 96.02 INF is a resin approved by the Lloyd's Register for the Nautical field of application and it is traded with the name **LR 96.02 INF**.

➤ **M 575/10 BV: orthophthalic/DCPD resin (no blend) for RTM and INFUSIONE.**

M 575/10 BV is a new preaccelerated resin, which was studied for the production of manufactures by injection, especially if a high filler content is needed.

M 575/10 BV has a low shrinkage and a high adhesion on inserts having different nature.

M 575/10 BV is suitable to the production of :

- Bathtubs produced by injection or between two thermoformed shells of PMMA and coextruded ABS.
- Production of furniture details and furnishings in general.

➤ **M 581/1.05: DCPD resin for RIM and RTM.**

M 581/1.05 is an unsaturated Polyester DCPD resin, which is preaccelerated, it has a controlled shrinkage and good mechanical and chemical resistances characteristics. It can be well filled into the moulds and it has a good penetration into the reinforcements; after the geltime the resin fastely cures also in the thin layers.

M 581/1.05 is a resin which was studied for the production of carbody parts or for those manufactures where both Themomechanical and Chemical characteristics are needed.

M 581/1.05 is suitable also in the not preaccelerated versions with the trading names: M 581/1 and M 581/1 H.

**Carlo Ricco' & F.LLI**  
**S.p.A. CORREGGIO**  
**LABORATORIO CQ & RS**

*Information found in this technical data sheet were developed through our experience and our Customers have to thoroughly test the products before starting any industrial application. Our Company has been continuously working to improve all his products. Hence we trust in Your comprehension if adjustments to the characteristics of the products are to be reported. The here given specifications are only indicative; as for as the material characteristics is concerned, you need to refer to the specific certificate of analysis and sales specifications. The present data sheet deletes and replaces the previously given versions. For further information get in touch, please, with the C.Q.& R.D. Laboratory*

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