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Technical Data Sheet

Matpol®

Matpol® Mp55-01Gp

Mp55-01Gp is processed in waste Polyethylene Terephthalate (PET) flakes were depolymerized by using different glycols in the presence of catalyst. All glycols products were reacted with Anhydrides and mixed with monomer to get Unsaturated Polyester Resin (UPR).

It is medium reactive and has a very good wetting properties and recommended for all kinds of glass reinforced products. It has also been customized for the application of solid surface and artificial marble

The curing characteristics such as Gel Time and maximum curing temperatures are as follows:

Properties of Pure Resin

- Appearance Pale Yellow
- Density at 25°C 1.15 g/ml
- Viscosity @ 30°C (Din cup-4) 90-120 seconds
- Gel Time @ 30°C (Cob-6, 0.33%, & MEKP, 1%) 08-10 Minutes
- Exothermic Temperature 170-175°C
- Exothermic Time (Time taken to reach from 30°C to Max) 17-22

Main Application:

- Corrugated Sheet
- Water Tank
- Sanitary wares
- Solid surface
- Artificial Marble

Resin must be kept in tightly closed container and stored in dark place at 25°C. High temperature shortens the shelf life. Drums should be away from all sources of flame or combustion.

Standard packing is in 225Kg Iron drum.

Note:

Above information are based on our current knowledge and experience. In view of many factors the processing and application may be affected, it is advice to check the resin before it is applied.

Variants:

- Thixotropic Resin
- Thixotropic and Pre-accelerated.

Branches

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