

Polyre Clear

Polyester Resin



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TECHNICAL DATA

Polyre Clear resin is a fast cure, resilient polyester resin for use where a clear casting and coating is required

Performance:

- Very clear casting resin
- Shows fewer tendencies to crack than conventional polyesters
- Offers rapid gel and cure

Suggested Use:

Polyester resins are prime candidate for the replacement of die-cast metals and thermo sets in many demanding applications where stiffness, critical tolerances and exterior finish are key requirements. These resins can be used with any type of fibreglass, carbon fibre or kevlar, as well as used over urethane foam and other sandwich core materials. They are the most commonly used matrix in the marine and composite industry. Other industries which use polyester resins are:

- Construction and furnishing materials
- Automotive and aircraft bodies
- Luggage and packaging goods manufacturing
- Appliances
- Textiles

Liquid Resin Properties:

Styrene percent:

30-32

Viscosity (ford cup 4 at 25 °C) sec:

200-210

Appearance:

Clear

Acid No (mg/KOH) solids:

30-35

Specific Gravity:

1.15

Gel Time (1%MEKP, 1%Co):

2.5 min

Standard Packing:

200 kg net in steel drums

Shelf Life:

When stored in accordance with above conditions the product has a minimum shelf life of 3 months.

Handling:

Polyre Clear resin contains ingredients which could be harmful if mishandled. Contact with skin and eyes should be avoided and necessary protective equipment and clothing should be worn

Recommended Storage:

The resin should be stored at temperatures below 25°C. Storage life decreases with increasing temperature. Avoid exposure to heat sources such as direct sunlight or steam pipes etc.