



TECHNICAL DATA SHEET

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GP GELCOAT RESIN

Surface-Coating Polyester Gelcoat · White, High-Gloss · Thixotropic

PRODUCT DESCRIPTION

GP Gelcoat Resin is a general-purpose surface-coating polyester resin applied as the outermost layer of FRP mouldings, ahead of the laminate. Brushed, sprayed or rolled onto the mould before laying up fibreglass, it cures with an MEKP catalyst into a smooth, high-gloss, water-white finish that shields the laminate underneath from moisture, abrasion and weathering. Thixotropic so it stays put on vertical mould faces without sagging, it is a more affordable alternative to ISO or vinyl ester gelcoats for standard-duty work.

KEY FEATURES

- High-gloss, water-white finish
- Thixotropic — resists sagging on vertical mould surfaces
- Shields laminate from moisture, abrasion and weathering
- Cures with MEKP catalyst at room temperature
- High UV resistance

RECOMMENDED APPLICATIONS

- Mould surfaces for FRP moulding and boat hulls
- Automotive body panels and bathware
- Sanitaryware, water tanks and FRP furniture

TYPICAL TECHNICAL PROPERTIES

Resin Type	Polyester (surface-coating gelcoat)
Curing System	MEKP catalyst, room-temperature cure
Physical Form	Liquid
Colour / Appearance	White
Gloss Level	High gloss
Viscosity	11,000 cPs
Thixotropy	Yes — resists sagging on vertical mould surfaces
Gel Time	8.5 minutes
Styrene Content	30%
UV Resistance	High
Purity	100%
Specific Gravity / Density	1.20 g/cm ³ at 25 °C
Cure Time	1.5–2 hours
MEKP Dosage	1.5%
Flash Point	32 °C, closed cup
Shelf Life	3 months
Storage Temperature	30–35 °C
Packaging	50 kg / 225 kg
Minimum Order Quantity	500 kg

Fields marked “Not Provided” are pending confirmation with technical staff and will be issued in a revised sheet. No value is estimated or assumed.

SAFETY & HANDLING

Follow standard industrial safety practices when handling this product, including appropriate personal protective equipment and adequate ventilation. Refer to the applicable Safety Data Sheet (SDS) where available.

Disclaimer: The information above is based on data published by the manufacturer at the time of issue and is believed accurate. Values shown are typical and are not to be interpreted as guaranteed specifications; properties may vary within normal manufacturing tolerances between batches. Users are responsible for determining suitability for their intended application and should confirm current specifications directly with Samrat Poly Resins prior to use.