



Subham Oils and Resins Pvt Ltd

HO: Astra Tower, ASO 301, 3rd Floor, Action Area IIC, New Town, Kolkata-700161

Technical Data Sheet

Polyester Resin 5051

Applications: Recommended for hybrid system, good flow, good baking resistance and mechanical properties.

Specifications:

Parameters	Standard Results
Grade	50/50
Appearance	Solid Granules
Colour	Slight yellow
Acid Value (mg KOH/g)	70-75
Glass Transition Temp (Tg) C	58
Viscosity 200°C in Poise	70-90 poise

Starting Formulation:

Component	Weight
Polyester 7032	420
Epoxy Resin	180
Titanium Dioxide	170
Filler	216
Flow Control Agent	10
Benzoin	4

Application Properties:

- 1) Baking Schedule :180°C - 10 min (Metal Temperature) in air circulated oven
- 2) Film Thickness :50-60 microns
- 3) Gloss at 60 deg@ :>90 unit
- 4) Bend Test :Pass
- 5) Over bake resistance :Pass

Delivery Forms:-

In 25 kgs PP Bags