

PURE POLYESTER (PP)

Product Description	SMD Envirocoats Pure Polyester Powder Coatings are thermosetting powders based on durable Polyester resins. They are specifically designed for exterior environment, offering excellent UV resistance, good resistance to discoloration & outstanding outdoor durability
Product Range	SMD Envirocoats Polyester powders are available in Glossy, Semi-Glossy, Matt, Textured, structure & Metallic Finish in a wide range of standard colors or can be customized according to the end user's requirements..
Recommended Usage	Ideally recommended for- Aluminum Extrusions, Aluminium Claddings, Door Frames, Window Panes, Automotive Components, Garden Furniture, Bicycles, Modular Furniture, Sports Equipment, Playground & Recreational Equipment, Automotive Parts
Substrates & PT	Aluminum & cold rolled cold Annealed (CRCA) Steel For Aluminum – Chromatisationg. For Steel – Iron Phosphate / Low wt. zinc phosphate
Powder Characteristics	<ul style="list-style-type: none"> • Particle Size - Suitable for Electrostatic Spray • Specific Gravity - 1.4 - 1.8 (Depending on Colors) • Film Thickness - 50-70µ(Depending on Colors) • Theoretical Coverage - 100-120 Sq.Ft /Kg @50µ • Shelf Life - 6 months from the date of manufacturing
Application Conditions	Application Method : Electrostatic Powder Spray 60 - 100 KV Curing Schedule: 200 deg for 10 to 15 minutes (Object Temp.)
Performance Properties	<ul style="list-style-type: none"> • Type - Pure Polyester • Colour - In desired Shade • Flexibility - Passes 6.25 mm • Impact (Direct / Reverse) - 60 – 160 kgcm • Hardness (Pencil) - H - 2H
Accelerated Tests	<ul style="list-style-type: none"> • 5% Salt Spray - 1000 Hours No Face rust , 3mm creepage from scribe. • Humidity - 1000 Hours No blisters or Other failures



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Storage	<ul style="list-style-type: none">• Store in closed, cool room(30°C) in dry condition and in original packing• Exposure to direct sunlight, heat & high humidity should be avoided• The Stack height should not exceed three cartons• Partly used bags must be tightly closed and stored carefully inside the carton in a cool dry storage room• For best performance, use within 6 months
Packaging	<ul style="list-style-type: none">• Available in 10 & 20 Kg Pack Size



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