

ENVIROCOAT POWDERS PVT. LTD.

HO : Plot No. 288, Sector 7, MIDC, Bhosari, Pune - 411026

WORKS : C-99, STICE, Musalgaon, Sinner, Nashik - 422112

CIN No. : U74994PN2018PTC175918

🌐 : www.envirocoats.net 📧 : sales@envirocoats.net ☎ : +91 9970174035



PRODUCT DATA SHEET

PRODUCT NAME : Pure Polyester TGIC Free Powder Coating

Product Description

Pure Polyester TGIC free Powder Coatings are thermosetting powders based on durable Polyester resins. They are specifically designed for exterior Product Description environment, offering excellent UV resistance, good resistance to discoloration & outstanding outdoor durability .

Product Range

Pure Polyester TGIC free 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 Recommended Usage 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

- Particle Size - Suitable for Electrostatic Spray
- Specific Gravity - 1.4 – 1.8 (Depending on Colors) Powder Characteristics
- 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.)
- Type - Pure Polyester
- Colour - In desired Shade Performance Properties
- Flexibility - Passes 6.25 mm
- Impact (Direct / Reverse) - 60 – 160 kgcm
- Hardness (Pencil) - H – 2H
- 5% Salt Spray - 1000 Hours

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Accelerated Tests

- No Face rust , 3mm creepage from scribe.
- Humidity - 1000 Hours No blisters or Other failures

Storage

- Store in closed, cool room(30°C) in dry condition and in original packing
- Exposure to direct sunlight, heat & high humidity should be avoided Storage
- The Stack height should not exceed three cartoons
- Partly used bags must be tightly closed and stored carefully inside the cartoon in a cool dry storage room
- For best performance, use within 6 months

Packaging

- Available in 10 & 20 Kg Pack Size