

TECHNICAL DATA SHEET

EPOXY POLYESTER HYBRID POWDER COATING

Epoxy-polyester powder coatings designed for interior use. This range is specially formulated on selected epoxy and polyester resins and pigments to give a tough decorative finish and offer excellent chemical, mechanical performance with exceptional flow, finish and color stability.

Typical Applications: Domestic appliances, office furniture, Lighting frames and other miscellaneous items having indoor usage

Typical Physical Properties:

Specific Gravity:	1.2 to 1.8 (Depending on colour)
Adhesion:	GT=0/100
Gloss:	05-99 %@60°
Pencil Hardness:	H-4H
Impact:	40 kg.cms to 120 kg.cms.
Flexibility / Bending:	5 mm - no fracturing
Particle Size:	Suitable for electrostatic spray
Salt Spray:	500 hours

Application Data: Epoxy polyester can be applied with a corona electrostatic powder spray gun at between 40kv – 100 kv or a Tribo gun.

Stoving Schedule: Epoxy polyester can be cured in a direct or indirect gas convection oven or an electric oven. A combination of any of this oven is also suitable. Care must be taken with excess heat, as epoxy polyester tend to discolor on over-bake.

Standard Stoving: 10 Minutes @ 180°C (EMT)

Storage: Product should be stored at room temperature below 25°C, in a dry area away from any heat source. Open boxes must be resealed

Notes: All tests were performed on Bonderite 1000, iron phosphate panels with a nominal film thickness of 2 mils.