

## TECHNICAL DATA SHEET POLYESTER POWDER COATINGS (P series)

### GENERAL INFORMATION:

POLYESTER POWDER COATINGS (P series): This involves a product range based on Pure Polyester system which is high durability powder coatings designed for exterior exposure. Gloss retention and color change are both significantly improved while end users still be able to find as much colors and surface effects as our Hybrid series.

### KEY PROPERTIES:

Weather resistance	Excellent
Particle size distribution (Um)	3 - 100
Coverage (s.q.m/kg)	Approx 8
Specific gravity g/cm <sup>3</sup>	1.3 - 1.8
Baking conditions (*) (object temperature)	200 <sup>0</sup> C – 10'

### MECHANICAL TESTS:

Flexibility (ISO 6860)	Pass 3mm
Adhesion (ISO 2409)	Pass 2mm
Hardness (ISO 1518)	Pass
Impact (ISO 6272)	Pass 2.5mm Front & Back
Salt spray (ISO7253)	200hrs Pass

### PRETREATMENT:

Metal surfaces to be coated must be clean and free from grease. Iron phosphate and particularly lightweight zinc phosphating of ferrous metals improves corrosion resistance.

Aluminium substrates may require a chromate conversion coating.

### PACKING INFORMATION:

Product ID	P series
Container	Cartonbox with PE liner
Net weight	25Kgs
Storage	Dry and cool areas below 25 <sup>0</sup> C
Shelf life	12 months

### APPLICATIONS:

Our P series powder coatings can be used with Corona type spraying system and it is completely adapted with all indoor coating purposes include

- Auto parts
- Building curtain wall
- Steel structure
- Fire Extinguishers
- Fitness equipments
- Garden Tools
- Light Fixtures
- Office & Home Furnitures
- Power Tools
- Shelving
- Tool Boxes
- Automotive parts

## HEALTH AND SAFETY DATA

Before using this product please consult our Material Safety Data Sheet (MSDS) for information on safe handling and storage. MSDS's can be found on the company website at [www.powdercoating.vn](http://www.powdercoating.vn)



*(\*) Object temperature, baking conditions can be adjusted base on specific type of colors or surface effect. Improperly cure the coated film might lead to difference in color, gloss and other deterioration of coating properties. See TDS for detailed instruction.*

*NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall review statements on specific products and/or should make their own investigations to determine if such products are suitable for a particular use.*