



# PLASTONICS, INC.

Powder Coating Specialists Since 1959

## TECHNICAL DATA SHEET PLASTONICS 4000 SERIES POLYESTER POWDERS

Plastonics 4000 series Polyesters are used in both functional and decorative applications. They provide a tough, hard, mar-resistance finish as well as offering good chemical and corrosion resistance. They are specially formulated to withstand UV exposure. A broad range of colors, textures and glosses are available.

4000 series Polyesters are designed to produce a thin film thickness in the range of .001" to .004". Higher film thickness is possible if required.

### CHARACTERISTICS:

PROPERTIES	TEST METHODS	VALUE
Color		As required
Gloss	ASTM D-2794	2 – 95 %
Pencil Hardness	ASTM D-3363	H and greater
Impact	ASTM D-2794	Up to 160 in.lbs
Dielectric Strength	ASTM D-149	>750 volts/mil
Salt Spray (1000 hrs +)	ASTM B-117	No migration

Chemical Resistance: Performance is satisfactory for applications where resistance to dilute acids, alkalis, aliphatic and aromatic hydrocarbons, petroleum solvents, greases or oils is required.

\* Test values above should be used as a guide only. All tests were performed on cleaned and primed, zinc phosphate treated CRS panels.

Typical Applications: Patio furniture, automotive accessories, sports equipment, outdoor lighting fixtures, farm & garden implements, playground equipment and marine parts.



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ISO 9001:2000  
TRC 00475