



PLASTONICS, INC.

Powder Coating Specialists Since 1959

TECHNICAL DATA SHEET #5000 SERIES EPOXY POWDERS

Plastonics 5000 series Epoxies are used in both functional and decorative applications. They provide a tough, hard, mar-resistant finish as well as offering outstanding chemical and mechanical properties. A broad range of colors, textures and glosses are available.

5000 series Epoxies are designed to produce thin film thickness in the range of .001" to .004" inches. Higher film thickness is possible if required.

CHARACTERISTICS:

PROPERTIES	TEST METHODS	VALUE
Color Range	None	As Required
Gloss	ASTM D-523	2-95%
Impact	ASTM D-2794	Up to 160 in.lbs.
Flexibility	ASTM D-522	< 1/4" mantrel
Pencil Hardness	ASTM D-3363	HB - 5H
Dielectric Strength	ASTM D-149	700 volts/mil
Salt Spray (400 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.

Typical Applications: Metal cabinetry, automotive underbody and underhood parts, sports and recreation equipment, furniture, hand & power tools, brass plumbing and hardware fixtures, tool boxes, fire extinguishers and safety equipment, appliances and wire goods.



Member of
THE POWDER
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