

## TECHNICAL DATA SHEET

Epoxy resins yield extremely durable and attractive powder coatings due to their excellent overall chemical resistance, electrical insulation characteristics and inherent flow and mechanical properties. These powder coatings are typically applied to automotive parts, electrical equipment, office and home furniture, power and hand tools, wire goods, appliance components and related items. While epoxies provide excellent corrosion resistance, their chalking and yellowing characteristics generally make them unsuitable for use in decorative exterior applications

**PRODUCT CODE:**

**PRODUCT TYPE:** Epoxy

**PRODUCT NAME:**

TYPICAL PROPERTIES	TEST METHODS	RESULTS
Specific Gravity	PCI # 4	1.2-1.8
Coverage	Theoretical	129 Sqft/lb @ 1 mil
Gloss @ 60 Degree	ASTM D523	0-90
Over Bake Resistance	ASTM D2454	Good
Pencil Hardness	ASTM D3363	H - 2H
Direct Impact	ASTM D2794	160 in.lbs.
Reverse Impact	ASTM D2794	160 in.lbs.
Cross Hatch, Adhesion	ASTM D3359B	Pass
Mandrel Bend, Flexibility	ASTM D522	1/4" no crack
Solvent Resistance	PCI # 8	50 + D/R
Abrasion Resistance	ASTM D1044	Good
Salt Spray	ASTM B117	1000 Hrs
Humidity	ASTM D2247	1000 Hrs

APPLICATION	Cure Schedule	Rec. Film Thickness
Electrostatic Spray: Cold Substrate: C.R.S. Pretreatment: Bonderite 1000	10' @ 400 Degree F	2.0 to 3.0 mil

Note: All tests performed on Bonderite 1000 (Iron Phosphate) treated panels.

**Shelf Life: 1 Year from the date of purchase, when stored under 75 degree F.**

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