

TECHNICAL DATA SHEET

Epoxy and polyester resins are combined to produce "Hybrid" powder coatings. Hybrids are frequently selected for one or more of their unique application characteristics. Hybrid powder coatings are often superior to alternative epoxy resin technology for overbake resistance or discoloration. Typically, hybrids are used for electrical equipment, office furniture, home furniture, power and hand tools, appliance components, and related items.

PRODUCT CODE:

PRODUCT TYPE: Epoxy/Polyester

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	10' @ 400 Degree F	2.0 to 3.0 mil
Substrate: C.R.S.		
Pretreatment: Bonderite 1000		

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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