



Technical Bulletin

PLMS 94451PB PC904 Pearlescent Bronze

Description: *PLMS94451PB* is a thermosetting Polyester-TGIC powder coating and designed for interior and exterior durability. A clearcoat is recommended for exterior use.

Typical Physical Properties:	Film Thickness	2.0-3.0 mil
	Gloss 60'angle (ASTM D-523-89)	55-60
	Hardness (ASTM D-3363-92A)	H-2H
	Flexibility (ASTM D-1737-89)	1/16 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Salt Spray (ASTM B117)	1000 hrs, 3 mm
	Impact Direct/Indirect (ASTM D-2794-93)	160/160 in-lbs
	Specific Gravity (ASTM D5965-96, C)	1.55±0.05

Application Data: *PLMS94451PB* is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

Cure Schedule: *PLMS94451PB* can be cured in a direct or indirect gas convection oven, an electric oven, or an Infrared. A combination of any of these ovens is also suitable.

Standard Cure: 10 minutes @ 340°F Peak Metal Temperature

Storage: *PLMS94451PB* should be stored at temperatures below 80°F, in a dry area away from any heat source.

Notes: All tests were performed on Bonderite 1000, Iron Phosphate panels with a nominal film thickness of 1.5-2.5 mils. Please refer to the MSDS for safety information.

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