



Technical Bulletin

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Auto Black SRSF 10753PB

Description: Thermosetting super-durable polyester TGIC powder coating. The product is designed for excellent exterior durability, and will meet or exceed AAMA 2604.98. This product has been formulated for exceptionally high gloss and flow.

Typical Physical Properties:	Film Thickness	2.0-3.0+ mil
	Gloss 60°angle (ASTM D-523-89)	85-95
	Hardness (ASTM D-3363-92A)	2H-3H
	Flexibility (ASTM D-1737-89)	1/8 inch
	Adhesion (ASTM D-3359-95A)	5b (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	100/100 in-lbs
	Exterior Durability	Excellent
	Chemical Resistance	Good
	Salt Spray (ASTM B117)	2000 Hrs < 3 mm creep
	Specific Gravity (calculated)	1.30+/- .05

Application Data: Polyester TGIC's are to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kv.

Cure Schedule: Polyester TGIC's 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 @ 400°f Peak Metal Temperature

Storage: Product 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 phosphated panels with a nominal film thickness of 2 mils. Please refer to the MSDS for safety information.

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