



Technical Data Sheet

URSF94193PB Auto Candy T Red

Description: **URSF94193PB, Auto Candy T Red** is thermosetting Polyester powder coating designed for interior and exterior use. Because of the transparent nature of this finish, color and/or effect may vary with film thickness.

Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.23±0.03
	Theoretical Coverage	156 sq.ft/lb./mil
	Shelf life (at below 80°F in dry condition)	12 months
	Mass loss during the cure (ASTM D3451-92)	<1.0%

Typical Physical Properties:	Film Thickness	2.0-4.0 mil
	Gloss 60°angle (ASTM D-523-89)	Visual
	Hardness (ASTM D-3363-92A)	H-2H
	Flexibility (ASTM D-1737-89)	1/8 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	160/160 in-lbs.
	Salt Spray (ASTM B117, 1000 hrs, Bonderite 1000 panel)	Rating 7 (creepage)

Application Data: **URSF94193PB, Auto Candy T Red** is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kv.

Cure Schedule: **URSF94193PB, Auto Candy T Red** 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: **URSF94193PB, Auto Candy T Red** should be stored at temperatures below 80°F, in a dry area away from any heat source.

Notes: All tests were performed on Aluminum and Bonderite 1000 Iron Phosphate pre-treated panels with a nominal film thickness of 2 mils. Please refer to the MSDS for safety information.

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