



Technical Bulletin

URWL 11710 PNT0503 Black Wrinkle

Description: *URWL 11710, PNT0503 Black Wrinkle* is a thermosetting polyester wrinkle powder coating designed for interior and exterior applications.

Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.60±0.05
	Theoretical Coverage	120 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	2-3.5 mil
	Gloss 60°angle (ASTM D-523-89)	3-5 (visual)
	Hardness (ASTM D-3363-92A)	H-2H
	Flexibility (ASTM D-1737-89)	¼ to 1/8 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct (ASTM D-2794-93)	80/80 in-lbs
	Salt Spray (ASTM B117, 1000 hrs, Bonderite 1000 panel)	Rating 7 (creepage)

Application Data: *URWL 11710, PNT0503 Black Wrinkle* is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

Cure Schedule: 10 minutes @ 400°F Peak Metal Temperature

Storage: *URWL 11710, PNT0503 Black Wrinkle* 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, Alodine panels with a nominal film thickness of 2.5 -3.5 mils. Please refer to the MSDS for safety information.

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