

Technical Information Sheet



Number: *ELW505S9*

March 8, 2004

Name: *Appliance White*

Type: Epoxy

Alesta Group Code: EE90009000015

POWDER PROPERTIES

ASTM D5965-96, C	Specific Gravity	1.69 ± 0.05
	Theoretical Coverage	114 ft ² /lb/mil
ASTM D3451-92, 13	Mass Loss During Cure	< 1%
	Recommended Shelf Life:	12 Months @ 75 °F

COATING PROPERTIES

ASTM D523-89	Gloss at 60°	90+
DPC TM 10.219	PCI Powder Smoothness	6
ASTM D2454-95	Overbake Resistance, Time	100%
ASTM D3363-92a	Pencil Hardness	3H-4H
ASTM D2794-93	Dir / Rev Impact, Gardner	160 / 160 in/lbs
ASTM D3359-97	Adhesion, Cross Hatch	5B Pass
ASTM D522-93a	Flexibility, Mandrel	1/8 in. dia., no fracture
ASTM B117-97	Salt Spray	1,000 hrs
UL DTOV2 Organic Coating	Steel Enclosures, Elect. Eq.	Recognized
ASTM E308-96	Diffuse Reflectance, Tristim. Y	84 Minimum

APPLICATION

Electrostatic Spray, Cold

Substrate: 0.032 in. CRS

Pretreatment: Bonderite® 1000, Parcolene® 60

CURE SCHEDULE:

(Time at substrate temperature)

10 Minutes @ 350°F

FILM THICKNESS: 2.0-2.5 Mils

This coating is certified to NSF/ANSI Standard 51, Food Equipment Materials and complies with the Food & Drug Administration's Code of Federal Regulation, Title 21; Section 175.300; Resins & Polymeric Coatings; for use in contact with non-alcoholic foods. This product is authorized for use on submarine components having a maximum use temperature of 125°F.

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