

# Technical Information Sheet



## ALESTA AR300\*

Number: PFR400S9

December 23, 2009

Name: Red Baron

Type: TGIC-Polyester

Alesta Group Code: ID90003000114

### POWDER PROPERTIES

<b>ASTM D5965-96, C</b>	Specific Gravity	1.23 ± 0.05
	Theoretical Coverage	156 ft <sup>2</sup> /lb/mil
<b>ASTM D3451-92, 13</b>	Mass Loss During Cure	< 1%
	Recommended Shelf Life:	12 Months @ 75 °F

### COATING PROPERTIES

<b>ASTM D523-89</b>	Gloss at 60°	97+
<b>DPC TM 10.219</b>	PCI Powder Smoothness	6
<b>ASTM D2454-95</b>	Overbake Resistance, Time	100%
<b>ASTM D3363-92a</b>	Pencil Hardness	H-2H
<b>ASTM D2794-93</b>	Dir / Rev Impact, Gardner	160 / 160 in/lbs
<b>ASTM D3359-97</b>	Adhesion, Cross Hatch	5B Pass
<b>ASTM D522-93a</b>	Flexibility, Mandrel	1/8 in. dia., no fracture
<b>ASTM B117-97</b>	Salt Spray	1,000 hrs
<b>UL DTOV2 Organic Coating</b>	Steel Enclosures, Elect. Eq.	Recognized

### APPLICATION

Electrostatic Spray, Cold

Substrate: 0.032 in. CRS

Pretreatment: Bonderite® 1000, Parcolene® 60

#### CURE SCHEDULE:

(Time at substrate temperature)

7 Minutes @ 400°F

\*This product meets the requirements of AAMA 2603.

**FILM THICKNESS:** 2.0-2.5 Mils

This product is close in color to Federal Standard Color 595B-11105. This product is authorized for use on submarine components having a maximum use temperature of 125°F. This product meets the requirements of AAMA 2603 for architectural aluminum.

Prepared 6/6/2013

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