

ALESTA AR500*

Number: FFH620B4

Name: AR500 Graphite Metallic

Alesta Group Code: FP40100000116

July 7, 2021

Type: Proprietary

POWDER PROPERTIES

ASTM D5965-96, C	Specific Gravity	1.45 ± 0.05
	Theoretical Coverage	133 ft ² /lb/mil
ASTM D3451-92, 13	Mass Loss During Cure	< 6.3%
	Recommended Shelf Life:	12 Months @ 75°F

COATING PROPERTIES

ASTM D523-89	Gloss at 60°	40-50
DPC TM 10.219	PCI Powder Smoothness	6-7
ASTM D2454-95	Overbake Resistance, Time	100%
ASTM D3363-92a	Pencil Hardness	2H
ASTM D2794-93	Dir / Rev Impact, Gardner	30 / 0 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	4000 hrs
AAMA 2605-05	Superior Performance Organic Coatings on Aluminum Extrusions	Passed

APPLICATION

Electrostatic Spray, Cold
Substrate: Aluminum
Pretreatment: Chrome Phosphate

CURE SCHEDULE:
(Time at substrate temperature)
20 Minutes @ 400°F

FILM THICKNESS: 2.0-3.0 Mils

The metallic component of this AAMA 2605 product is incorporated into the powder, vastly improving application and reclaim behavior when compared to traditional metallic coating powders.

Prepared 9/13/2021

ROHS

Axalta does not intentionally add any RoHS restricted substances to this product, and the product is in conformity with the essential requirements of the following directives of the European Parliament and of the Council: Directive 2015/863; Directive 2011/65/EU; Directive 2002/65/EU; and, Directive 2003/11/EU.

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ISO 9001:2015

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