Alesta® Powder Coatings

Number: *HFH680U9*

Name: *Diamond Starlite Charcoal*

Alesta Group Code: SD90307000016

March 16, 2022

Type: <u>*HAA Polyester*</u>

POWDER PROPERTIES

ASTM D5965-96, C	*Specific Gravity*	*1.22 ± 0.05*
	Theoretical Coverage	*158 ft2/lb/mil*
ASTM D3451-92, 13	*Mass Loss During Cure*	*< 1%*
	Recommended Shelf Life:	*24 Months @ 75 °F*

COATING PROPERTIES

ASTM D523-89	*Gloss at 60°*	*85+*
DPC TM 10.219	*PCI Powder Smoothness*	*7*
ASTM D2454-95	*Overbake Resistance, Time*	*100%*
ASTM D3363-92a	*Pencil Hardness*	*3H*
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*

APPLICATION

Electrostatic Spray, Cold

Substrate: Aluminum

Pretreatment: Chrome Phosphate

CURE SCHEDULE:

(Time at substrate temperature)

10 Minutes @ 400°F

FILM THICKNESS: *2.5-3.5 Mils*

Prepared 3/16/2022

This coating is designed with extended exterior durability properties. When compared under similar outdoor conditions to standard grade powder coatings of similar color, gloss and specific gravity, it will retain original appearance properties for a longer period. Impact resistance: Cracking OK as long as there is no pick off after tape pull.

ROHS

9800 Genard Rd. Houston, TX 77041-7624   1-800-247-3886   fax: 713-939-4027
4130 Lyman Dr.   Hilliard, OH 43026-1213   1-800-667-9610   fax: 614-771-4139

ISO 9001:2015

AXALTA

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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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