

Number: *ELB635S8*

Name: *Epoxy Battery Black*

March 3, 2021

Type: Epoxy

Alesta Group Code: EE80004000316

### POWDER PROPERTIES

ASTM D5965-96, C	Specific Gravity	1.55 ± 0.05
	Theoretical Coverage	124 ft <sup>2</sup> /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°	80-90
DPC TM 10.219	PCI Powder Smoothness	6
ASTM D2454-95	Overbake Resistance, Time	100%
ASTM D3363-92a	Pencil Hardness	3H
ASTM D2794-93	Dir / Rev Impact, Gardner	80 / 80 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
IEC 60464-2	Dielectric Strength	85 kV/mm @ 70µm

### APPLICATION

*Electrostatic Spray, Cold*

*Substrate: 0.032 in. CRS*

*Pretreatment: Bonderite® 1000, Parcolene® 60*

### CURE SCHEDULE:

*(Time at substrate temperature)*

*2 Minutes @ 356°F*

*or 8 Minutes @ 284°F*

**FILM THICKNESS:** *2.0-3.0 Mils*

*In addition, this product can be cured at part temperature @320°F for 4 min*

*Prepared 11/10/2021*

### 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.*

9800 Genard Rd. Houston, TX 77041-7624  
4130 Lyman Dr. Hilliard, OH 43026-1213

1-800-247-3886 fax: 713-939-4027  
1-800-667-9610 fax: 614-771-4139



**ISO 9001:2015**

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