

**Number:** PFB610S9

**Name:** High Gloss Cat Black

**Alesta Group Code:** SD90004000016

**April 9, 2020**

**Type:** TGIC-Polyester

### POWDER PROPERTIES

ASTM D5965-96, C	Specific Gravity	1.23 ± 0.05
	Theoretical Coverage	156 ft <sup>2</sup> /lb/mil
ASTM D3451-92, 13	Mass Loss During Cure	< 1%
	Recommended Shelf Life:	18 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	2H
ASTM D2794-93	Dir / Rev Impact, Gardner	100 / 100 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
Caterpillar 1E1950J	Standard Topcoat, High-Gloss Black	Approved

### APPLICATION

Electrostatic Spray, Cold

Substrate: ACT APR48095

Pretreatment: Bonderite 1000 DIW

#### CURE SCHEDULE:

(Time at substrate temperature)

10 Minutes @ 400°F

**FILM THICKNESS:** 1.5-2.0 Mils

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. This powder coating is listed on the Caterpillar, Inc. Approved List for Engineering Specification # 1E1950J High Performance Topcoat High-Gloss Black.

Prepared 10/2/2020

### ROHS

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

WARRANTY POLICY: Seller certifies that all coatings delivered to Customer in unopened factory filled containers meet all pertinent quality standards presented in its current published literature. Since matters of surface preparation, application procedures, curing procedures and other local factors that affect coating performance are beyond Seller's control, Seller assumes no liability for coating failure other than to supply replacement material for a coating material proven to be defective. Customer will determine suitability of this product for its use and thereby assume all risks and liabilities in connection therewith. Seller will not be liable for any injuries, damages or other losses derived, directly or indirectly, from or as a consequence of Customer's use of the product. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING TO ITS PRODUCTS AND THEIR APPLICATION, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES.

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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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