



Technical Bulletin

SRSS 10004 Super OGF Black

Description: *SRSS 10004, Super OGF Black* is a thermosetting Super Polyester-TGIC powder coating and designed for excellent exterior durability. When properly applied this product will meet or exceed the AAMA 2604-5 specification. This product has also been specifically formulated to be “Out Gas Forgiving”, and to cure in the temperature range of 340°F to 400°F.

Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.40+/-0.05
	Theoretical Coverage	137 sq./lb./mil
	Shelf life (at below 80°F in dry condition)	12 months

Typical Physical Properties:	Film Thickness	2.0-3.0 mil
	Gloss 60°angle (ASTM D-523-89)	55-65
	Hardness (ASTM D-3363-92A)	2H
	Flexibility (ASTM D-1737-89)	¼-1/8 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	80/80 in-lbs.
	Salt Spray (ASTM B117, 1000 hrs, Bonderite 1000 panel)	Rating 7 (creepage)
Salt Spray (ASTM B117, 3000 hrs, Alodine panel)	Rating 7 (creepage)	

Application Data: *SRSS 10004, Super OGF Black* is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

Cure Schedule: *SRSS 10004, Super OGF Black* can be cured in a direct or indirect gas convection oven, an electric oven, or an Infrared. A combination of any of these ovens is also suitable.

Standard Cure: 10 minutes @ 400°F Peak Metal Temperature

Storage: *SRSS 10004, Super OGF Black* should be stored at temperatures below 80°F, in a dry area away from any heat source.

Notes: All tests were performed on B-1000 iron phosphated panels with a nominal film thickness of 2.0-3.0 mils. Please refer to the SDS for safety information.

RoHS Complaint

IFS Powder Coatings 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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