



Technical Data Sheet

Product Number: ZRL133902

Product Name: RED BARON FC 33902

Chemistry: Polyester Superdurable

Date: December 20, 2018

Powder Properties

ASTM D5965 (B)	Specific Gravity	1.30± 0.05
PCI TECHNICAL BRIEF #8	Theoretical Coverage	147.8 ft ² /lb/mil
	Shelf Life	12 months in climate controlled environment

Film Characteristics

ASTM D523	Gloss @ 60°	95-100
ASTM D3359 (B)	Adhesion	5B Pass
ASTM D3363	Pencil Test (Scratch Hardness)	F Pass
ASTM D7091	Recommended Film Thickness	2.0-3.0 mils
PCI TECHNICAL BRIEF #20	PCI Powder Smoothness	7
ASTM D522 (A)	Flexibility Mandrel	1/8" Pass
ASTM D2794	Impact (D/R)	100/100 in-lbs
ASTM D5402	MEK Resistance	50 Double Rubs
ASTM B117	Salt Spray	1,000 hours
ASTM G154	UV Resistance	1,000 hours

Application

Electrostatic Spray, Cold
Substrate: 0.024 in. CRS
Pretreatment: Bonderite® 1000, Parcolene® 60

Cure Schedule
(Time at Substrate Temperature)
3 min @ 400°F

Notes

This product was designed with improved weathering properties when compared to standard polyesters of similar color and gloss.

American Standard Testing Method (ASTM)
Powder Coating Institute (PCI)

This report cannot be altered or changed without the authorization of the Quality Manager.

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