

Technical Bulletin

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A DIVISION OF IFS COATINGS, INC.

S.G. Trans Red PRSS 93701PB

Description:	Thermosetting polyester TGIC powder coating designed for interior or exterior use. This product is translucent. The color and condition of the substrate will vary the appearance of the product	
Typical Applications:	General industrial finishing.	
Typical Physical Properties:	Film Thickness	2.0-3.0+ mil
	Gloss 60°angle (ASTM D-523-89)	Visual 28%
	Hardness (ASTM D-3363-92A)	H – 2H
	Flexibility (ASTM D-1737-89)	1/8 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	160 in-lbs.
	Salt Spray (ASTM B117)	1000 Hrs < 1/8'
	Specific Gravity (calculated)	1.20+/- .05
Application Data:	Polyester TGIC's are to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kv.	
Cure Schedule:	Polyester TGIC's 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.	
	<u>Standard Cure:</u> 10 Minutes @ 400°f Peak Metal Temperature	
Storage:	Product should be stored at temperatures below 80°f, in a dry area away from any heat source.	
Notes:	All tests were performed on Bonderite 1000, iron phosphated panels with a nominal film thickness of 2 mils. Please refer to the MSDS for safety information.	

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