



Technical Data Sheet

Ral 3012 Beige Red PLSF 60122

Description:	Thermosetting polyester TGIC powder coating. Polyester TGIC's are designed for interior or exterior applications.	
Typical Applications:	General metals, architectural, automotive, lawn & garden furniture, stadium seating, light fixtures, marine, fencing, etc.	
Typical Physical Properties:	Film Thickness	2.0 – 4.0 mil
	Gloss 60°angle (ASTM D-523-89)	80+
	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
	Exterior Durability	Very Good
	Chemical Resistance	Good
	Salt Spray (ASTM B117)	1000 Hrs < 1/8'
	Specific Gravity (calculated)	1.45+/-0.05
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 Infra red. A combination of any of these ovens is also suitable.	
	<u>Standard Cure:</u> 10 Minutes @ 340°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.	

Any recommendations contained herein or any information given by any IFS COATINGS representative is based on tests and information believed to be accurate.

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