



Technical Bulletin

PLSF 80096 RAL 9016 Traffic White

Description:	PLSF 80096, RAL 9016 Traffic White is a Polyester-TGIC Powder coating designed for interior or exterior applications. This technology is UL listed for applications requiring DTOV2 and meets the requirements for UL1332. Reference UL file number MH28506 for pretreatment and application data.	
Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.58±0.05
	Theoretical Coverage	122 sq.ft/lb./mil
	Shelf life (at below 80°F in dry condition)	12 months
Typical Physical Properties:	Film Thickness	1.7-3.0 mils
	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)	160/160 in-lbs.
	Salt Spray (ASTM B117, 1000 hrs., Bonderite 1000 panel)	Rating 7 (Creepage)
Application Data:	PLSF 80096, RAL 9016 Traffic White can be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV or fluidized bed.	
Cure Schedule:	PLSF 80096, RAL 9016 Traffic White 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.	
	Std. Cure: 10 minutes @ 340°F Peak Metal Temperature	
Storage:	PLSF 80096, RAL 9016 Traffic White 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.	

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