



## Technical Data Sheet

### PLSF 20061 Ral 5017 Traffic Blue

<b>Description:</b>	<i>PLSF20061, Ral 5017 Traffic Blue</i> is a thermosetting polyester TGIC powder coating. Polyester TGIC's are designed for interior or exterior applications.	
<b>Typical Applications:</b>	General metals, architectural, automotive, lawn & garden furniture, stadium seating, light fixtures, marine, fencing, etc.	
<b>Typical Physical Properties:</b>	Film Thickness	1.8-3.0 mil
	Gloss 60°angle (ASTM D-523-89)	80-85
	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
	Exterior Durability	Very Good
	Chemical Resistance	Good
	Salt Spray (ASTM B117)	1000 hrs < 3 mm creep
	Specific Gravity (calculated)	1.55±0.03
<b>Application Data:</b>	<i>PLSF20061, Ral 5017 Traffic Blue</i> is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kv.	
<b>Cure Schedule:</b>	<i>PLSF20061, Ral 5017 Traffic Blue</i> 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.  Standard Cure: 10 Minutes @ 340°F Peak Metal Temperature	
<b>Storage:</b>	<i>PLSF20061, Ral 5017 Traffic Blue</i> should be stored at temperatures below 80 <sup>0</sup> f, in a dry area away from any heat source.	
<b>Notes:</b>	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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3601 North Interstate 35  
Gainesville, Texas 76240  
Tel. (940) 668 1062  
Fax. (940) 668 1061  
[www.ifscos.com](http://www.ifscos.com) Email: [info@ifscos.com](mailto:info@ifscos.com)