



## Technical Bulletin

### PLSS 10029 Semi Gloss Black

<b>Description:</b>	<i>PLSS 10029, Semi Gloss Black</i> is a thermosetting Polyester-TGIC powder coating and designed for interior and exterior durability.	
<b>Typical Powder Properties</b>	Specific Gravity (ASTM D5965-96, C) Theoretical Coverage Mass loss during the cure (ASTM D3451-92)	1.57±0.03 122 sq.ft/lb./mil <1.0%
<b>Typical Physical Properties:</b>	Film Thickness Gloss 60'angle (ASTM D-523-89) Hardness (ASTM D-3363-92A) Flexibility (ASTM D-1737-89) Adhesion (ASTM D-3359-95A) Impact Direct/Indirect (ASTM D-2794-93) Salt Spray (ASTM B117, 1000 hrs., B-1000 panel) Salt Spray (ASTM B117, 1500 hrs., Alodine panel) *no loss of adhesion	1.8-3.0 mil 50-60 H-2H 1/8 inch 5B (100%) 160/160 in-lbs*, Rating 7 (creepage) Rating 7 (creepage)
<b>Application Data:</b>	<i>PLSS 10029, Semi Gloss Black</i> is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.	
<b>Cure Schedule:</b>	<i>PLSS 10029, Semi Gloss Black</i> 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.	
	<b>Standard Cure:</b>	10 minutes @ 340°F Peak Metal Temperature
<b>Storage:</b>	<i>PLSS 10029, Semi Gloss Black</i> should be stored at temperatures below 80°F, in a dry area away from any heat source.	
<b>Notes:</b>	All tests were performed on Alodine panels with a nominal film thickness of 2.0-3.0 mils. Please refer to the MSDS for safety information.	

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