



Technical Bulletin

PRSF 80863 High Reflective White

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| Description: | <i>PRSF 80863, High Reflective White</i> is a Polyester-TGIC Powder coating designed for interior or exterior applications. | |
| Typical Powder Properties | Specific Gravity (ASTM D5965-96, C) | 1.66±0.05 |
| | Theoretical Coverage | 116 sq.ft/lb./mil |
| | Shelf life (at below 80°F in dry condition) | 12 months |
| Typical Physical Properties: | Film Thickness | 3.0-3.5 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: | <i>PRSF 80863, High Reflective White</i> can be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV or fluidized bed. | |
| Cure Schedule: | <i>PRSF 80863, High Reflective White</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. | |
| | Std. Cure: | 10 minutes @ 400°F Peak Metal Temperature |
| Storage: | <i>PRSF 80863, High Reflective White</i> 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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