Technical Bulletin

PLSF 60010
RAL 4007 Purple Violet

Description: *PLSF 60010, RAL 4007 Purple Violet* is a Polyester-TGIC Powder coating designed for interior or exterior applications.

Typical
Powder Properties

Specific Gravity (ASTM D5965-96, C)	1.47±0.05
Theoretical Coverage	131 sq.ft/lb./mil
Shelf life (at below 80°F in dry condition)	12 months

Typical
Physical Properties:

Film Thickness	2.0-3.0 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 60010, RAL 4007 Purple Violet* can be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV or fluidized bed.

Cure Schedule: *PLSF 60010, RAL 4007 Purple Violet* 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 60010, RAL 4007 Purple Violet* 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.