



Technical Data Sheet

PRSF61639CN Neon Orange

Description: **PRSF 61639, Neon Orange** is thermosetting Polyester-TGIC powder coating designed for interior and exterior use. This product will have limited UV stability, hence an exterior durable clear coatings¹ is recommended for exterior applications. The final color of the coatings will be affected by the color of the substrate, hence a white base coat² is recommended.

Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.42±0.03
	Theoretical Coverage	135 sq.ft/lb./mil
	Shelf life (at below 80°F in dry condition)	12 months
	Mass loss during the cure (ASTM D3451-92)	<1.0%

Typical Physical Properties:	Film Thickness	2.0-3.0 mil
	Gloss 60°angle (ASTM D-523-89)	70-80
	Hardness (ASTM D-3363-92A)	H-2H
	Flexibility (ASTM D-1737-89)	¼-1/8 inch
	Adhesion (ASTM D-3359-95A)	5B (100%)
	Impact Direct/Indirect (ASTM D-2794-93)	120/120 in-lbs.
	Salt Spray (ASTM B117, 1000 hrs, Bonderite 1000 panel)	Rating 7 (creepage)

Application Data: **PRSF 61639, Neon Orange** is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kv.

Cure Schedule: **PRSF 61639, Neon Orange** 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.

Standard Cure: 10 minutes @ 400°F Peak Metal Temperature

Storage: **PRSF 61639, Neon Orange** should be stored at temperatures below 80°F, in a dry area away from any heat source.

Notes: All tests were performed on Aluminum and Bonderite 1000 Iron Phosphate pre-treated panels with a nominal film thickness of 2 mils. Please refer to the MSDS for safety information.

¹PRSF90071: Purecoat Clear (1.8-3.0mil)

²PRSF80005: Choice Sky White (2.0-3.0 mil)

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