



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 coatings ¹ is recommended for exterior applications. The final color of the coatings will be affected by the color of the substrate, hence a white base coat ² 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.	
	<u>Standard Cure:</u> 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)

Any recommendations contained herein or any information given by any IFS COATINGS representative is based on tests and information believed to be accurate. However, since we have no control over the conditions under which our products are transported, stored, handled, or used by purchasers, all recommendations and sales are made on condition that IFS COATINGS will not be held liable for any damages resulting from their use. No representative of ours has any authority to waive or change this provision.