Technical Bulletin

PRSF 90071
Gloss Clear

Description:

PRSF 90071, Gloss Clear is a thermosetting Polyester-TGIC powder coating which is designed for interior or exterior applications.

Typical Powder Properties	Specific Gravity (ASTM D5965-96, C)	1.23±0.05
	Theoretical Coverage	156 sq.ft/lb./mil
	Mass loss during the cure (ASTM D3451-92)	<1.0%
Typical Physical Properties:	Film Thickness	1.7-3.0+ mil
	Gloss 60'angle (ASTM D-523-89)	90+
	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:

PRSF 90071, Gloss Clear is to be applied with a corona electrostatic powder spray gun at between 60kv – 100 kV.

Cure Schedule:

PRSF 90071, Gloss Clear 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 @ 375°F Peak Metal Temperature

Storage:

PRSF 90071, Gloss Clear should be stored at temperatures below 80°F, in a dry area away from any heat source.

Notes:

All tests were performed on Bonderite 1000, Iron Phosphate panels with a nominal film thickness of 2.0-3.0 mils. Please refer to the SDS for safety information.

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.

3601 North Interstate 35
Gainesville
Texas 76240

Tel: (940) 668 1062
Fax: (940) 668 1061
Email: info@ifscos.com

www.ifscoatings.com