



Technical Data Sheet

Product Number: FGL324749

Product Name: ANSI 61 GRAY 24749 PART# X-900004-1 POL.TGIC FREE

Chemistry: POLYESTER TGIC FREE

Date: APRIL 09TH, 2013

Powder Properties

ASTM D5965 (B)	Specific Gravity	1.55 ± 0.05
PCI TECHNICAL BRIEF #8	Theoretical Coverage	124.0 ft ² /lb/mil
	Shelf Life	12 months in climate controlled environment

Film Characteristics

ASTM D523	Gloss @ 60°	45-55%
ASTM D3359 (B)	Adhesion	5B Pass
ASTM D3363	Pencil Test (Scratch Hardness)	2H Pass
ASTM D7091	Recommended Film Thickness	1.5-2.0 mils
PCI TECHNICAL BRIEF #20	PCI Powder Smoothness	6
ASTM D522 (A)	Flexibility Mandrel	1/8"
ASTM D2794	Indirect Impact	140 in/lbs
ASTM D5402	MEK Resistance	25 Double Rubs
ASTM B117	Salt Spray	600 hours
ASTM G154	UV Resistance	500 hours

Application

Electrostatic Spray, Cold
Substrate: 0.024 in. CRS
Pretreatment: Bonderite® 1000 , Parcolene® 60

Cure Schedule
(Time at Substrate Temperature)
400 °F @ 15 minutes

Notes

The salt spray test comply with the ANSI/UL 1332 regulations and in accordance with ASTM B117. Specimens after being exposed 600 hrs. had a result of Zero (0) blisters. (result in accordance with ASTM D714) The evaluation of the ASTM 1654 the result was rating number 10, using Procedure A, Method 2.

American Standard Testing Method (ASTM)
Powder Coating Institute

This report cannot be altered or changed without the authorization of the Quality Manager.

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