



Technical Data Sheet

Product Number: PRL20172

Product Name: FARMMASTER RED 21221 (3879110) POL.

Chemistry: POLYESTER TGIC

Date: MARCH 30TH, 2011

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° | 85-95% |
| ASTM D3359 (B) | Adhesion | 5B Pass |
| ASTM D3363 | Pencil Test (Scratch Hardness) | 2H Pass |
| ASTM D7091 | Recommended Film Thickness | 2.0-3.0 mils |
| PCI TECHNICAL BRIEF #20 | PCI Powder Smoothness | 4 |
| ASTM D522 (A) | Flexibility Mandrel | 1/8" |
| ASTM D2794 | Indirect Impact | 160 in/lbs |
| ASTM D5402 | MEK Resistance | 25 Double Rubs |
| ASTM B117 | Salt Spray | 1,000 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)
375 °F @ 7 minutes

Notes

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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