

PFTR05S7

Number: PFTR05S7

12-Nov-02

Name: Ral 1000

Type: TGIC-Polyester

Alesta Group Code:

POWDER PROPERTIES

| | | |
|-------------------|-------------------------|----------------------------|
| ASTM D5965-96, C | Specific Gravity | 1.53 ± 0.05 |
| | Theoretical Coverage | 126ft ² /lb/mil |
| ASTM D3451-92, 13 | Mass Loss During Cure | < 1% |
| | Recommended Shelf Life: | 12 Months @ 75°F |

COATING PROPERTIES

| | | |
|---------------------------|---------------------------|---------------------------|
| ASTM D523-89 | Gloss at 60° | 70-80 |
| DPC TM 10.219 | PCI Powder Smoothness | 7 |
| ASTM D2454-95 | Overbake Resistance; Time | 100% |
| ASTM D3363-92a | Pencil Hardness | 2H |
| ASTM D2794-93 | Dir / Rev Impact, Gardner | 100/100 in/lbs |
| ASTM D3359-97 | Adhesion; Cross Hatch | 5B Pass |
| ASTM D522-93a | Flexibility, Mandrel | 1/4 in. dia., no fracture |
| ASTM B117-97 | Salt Spray | 1000 hrs |
| UL DTOV2 Organic Coatings | | |

APPLICATION

Electrostatic Spray, Cold
Substrate: 0.032 in. CRS
Pretreatment: Bonderite 1000, Parcolene 60

CURE SCHEDULE:

(Time at substrate temperature)

10 Minutes @ 400°F

FILM THICKNESS:

2.0-3.0 Mils

TDS NOTE

Prepared 02/21/2023

ROHS

Alesta does not intentionally add any of the restricted substances, as defined in the European directive 2011/65/EU (RoHS-Restriction of Hazardous Substances) 2), Article (4)2, Annex II, to this product, and have determined that any impurities disclosed to us by our suppliers are in amounts less than the maximum concentration values tolerated by weight in homogeneous materials for the restricted hazardous substances; lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, and polybrominated diphenyl ethers, under the RoHS directive.

9800 Genard Rd. Houston, TX 77041-7624 1-800-247-3886 fax: 800-903-4269
4130 Lyman Dr. Hilliard, OH 43026-1213 1-800-667-9610 fax: 614-771-4139



ISO 9001:2008

WARRANTY POLICY: Seller certifies that all coatings delivered to Customer in unopened factory filled containers meet all pertinent quality standards presented in its current published literature. Since matters of surface preparation, application procedures, curing procedures and other local factors that affect coating performance are beyond Seller's control, Seller assumes no liability for coating failure other than to supply replacement material for a coating material proven to be defective. Customer will determine suitability of this product for its use and thereby assume all risks and liabilities in connection therewith. Seller will not be liable for any injuries, damages or other losses derived, directly or indirectly, from or as a consequence of Customer's use of the product. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING TO ITS PRODUCTS AND THEIR APPLICATION, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSES.

