



Technical Data

**POLYESTER**

Powder Coating

Description:

Jamestown’s PES Polyester powder coatings technology, used to powder finish parts for galvanized fences and gates, are specifically designed for applications where resistance to weathering is essential. These high performance coatings provide excellent flexibility, overbake, and chemical resistance.

Product: PES-2475-WH White		
<b>Gloss</b>	70 ± (60° geometry)	
<b>Specific Gravity</b>	1.66 ± 0.05	
<b>Recommended Bake</b>	15 minutes @ 375°F (metal temperature)	
<b>Film Thickness</b>	1.8 to 3.0 mils recommended	
<b>Impact Resistance</b>	100 inch pounds direct	ASTM D-2794
<b>Hardness</b>	H-2H pencil	ASTM D-3363
<b>Flexibility</b>	1/8 inch mandrel	ASTM B-522
<b>Adhesion</b>	100% crosshatch	ASTM D-3359
<b>Overbake Resistance</b>	100% time at temperature	
<b>Corrosion</b>	1000 hrs ≤ 1.0 mm creep	ASTM B-117
<b>Humidity</b>	1000 hrs no blisters	ASTM D-2247
<b>Weatherability</b>	18 to 24 months Florida	Retains 75%+ gloss
<b>Storage</b>	9 months when stored at 75°F or less	

Properties tested over 20-gauge iron phosphated steel.  
 Results are based on laboratory evaluations and are offered as guidance without warranty.