



Technical Data

LOW CURE POLYESTER

Powder Coating

Description:

Jamestown Low Cure Polyester powder coatings are designed for applications where resistance to weathering is essential. Our high performance coatings provide excellent flexibility, overbake, and chemical resistance. Our Low Cure Polyesters are often large parts, which are generally difficult to heat to temperatures suitable for traditional powder application. This is just one of our many Low Cure Polyester formulas. We will customize our Low Cure Polyesters to meet your specific needs.

Product: PEF-3157-BL		
Gloss	25-40 (60° geometry)	
Specific Gravity	1.46 ± 0.05	
Recommended Bake	10 minutes @ 320°F (metal temperature)	
Film Thickness	1.8 to 2.5 mils recommended	
Impact Resistance	160 inch pounds direct	ASTM D-2794
Hardness	H-2H pencil	ASTM D-3363
Flexibility	1/4 inch mandrel	ASTM B-522
Adhesion	100% crosshatch	ASTM D-3359
Overbake Resistance	100% time at temperature	
Corrosion	1000 hrs ≤ 1.0 mm creep	ASTM B-117
Humidity	1000 hrs no blisters	ASTM D-2247
Weatherability	Not recommended for outdoor applications	
Storage	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.