



Highlights

PPG's Envircryl™ and Envirocron™ powder coatings are aesthetically pleasing, produce a durable uniform finish and can be custom formulated with finishes from high gloss to low gloss, and in a variety of textures.

PPG's "World Class" Ultradurable Polyester Powder Coatings provide a combination of good physical and chemical resistance properties with excellent resistance to outdoor weathering. This extensive line of Polyester Powders is manufactured to meet the increasing requirement demands of the appliance and industrial markets. These sophisticated Polyesters are the solution to your smoothness, low-bake, durability and physical property requirements. An unsurpassed application development program enables consistently friendly use on a variety of substrates.

Product Features

- Excellent exterior durability
- Good chemical resistance
- Excellent mar / scratch resistance
- Tested and approved to material specification:
GMW14664, Type A
MS.90102/MS-PE-16-2

Technical Properties

Property	Test Method	Value
Color		High Gloss Black UD
Appearance		Smooth
Gloss	ASTM D-523	92 Minimum @ 20°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	4H Pencil
Humidity	ASTM D-1735	500 Hrs. Pass - No Effect
Xenon Arc	SAE J2527 ASTM G155-7A	4500 kJ > 70% Gloss Retention

Film Properties were determined using 3.0 - 5.0 mils powder film over P590 electrocoated, zinc phosphated, non-chrome rinse pretreated, 32 gauge, unpolished cold rolled steel test panels.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	20 Minutes at 375 °F Metal Temperature See Cure Curve PCT-067
Specific Gravity:	1.23 ± .05
Theoretical Coverage:	156 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	80 °F Maximum - 24 Months

*PPG recommends that all material be used in FIFO order (first in - first out).
Materials that exceed the recommended shelf life should be tested prior to use.*



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