



Highlights

PPG's Envirocyl™ 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" Polyester Urethane Powder Coatings provide a combination of good physical and chemical resistance properties. This extensive line of Polyester Urethane Powders is manufactured to meet the increasing requirement demands of the automotive and industrial markets. These sophisticated Polyester Urethanes 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

- Available in a wide range of colors and glosses
- Good chemical resistance
- Bonded Metallic Coating

Technical Properties

Property	Test Method	Value
Color	_____	Chrome Shadow
Appearance		Smooth
Gloss	ASTM D-523	110 - 160 @ 60°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	H - 2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	40 In.-lbs. Direct
Conical Mandrel	ASTM D-522	1/8" Mandrel - No Cracking
Salt Spray	ASTM B-117	750 Hrs. Pass when clear coated with PCU19101
Humidity	ASTM D-1735	750 Hrs. Pass when clear coated with PCU19101

Film Properties were determined using 2.0 - 3.0 mils powder film over zinc phosphated, non-chrome rinse pretreated, 22 gauge, unpolished cold rolled steel test panels. For maximum retention of product appearance with exposure to salt spray and humidity, topcoating with ultradurable clear PCU19101 is required.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	15 Minutes at 375 °F Metal Temperature See Cure Curve PCU-001
Specific Gravity:	1.19 ± .05
Theoretical Coverage:	162 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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