



## PPG Powder Coatings

### HIGHLIGHTS

PPG's Envirocrown® 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 antiseptically 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
- Exterior durability
- Good chemical resistance
- Thin film capabilities

### TECHNICAL PROPERTIES

Property	Test Method	Value
Color	_____	No Restrictions
Gloss	ASTM D-523	5 - 90+
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	H - 2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	160 In.-lbs. Direct 160 In.-lbs. Reverse
Conical Mandrel	ASTM D-522	1/8" Mandrel - No Cracking
Salt Spray	ASTM B-117	1000 Hrs. Pass <1/8" Scribe Creep - No Blisters
Humidity	ASTM D-1735	1000 Hrs. Pass <1/16" Scribe Creep - No Blisters

*Film Properties were determined using 1.5 - 2.5 mils powder film over iron phosphated, chrome rinse pretreated, 22 gauge, unpolished cold rolled steel test panels.*

### APPLICATION DATA

Application Type:	Electrostatic Spray
Recommended Bake:	15 Minutes at 375 °F Metal Temperature See Cure Curve PCU-001
VOC:	Essentially Zero to 10% by Weight
Specific Gravity:	Color Dependant
Theoretical Coverage:	Color Dependant
Shelf Life from Date of Manufacture:	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.*

*The technical and application properties contained in this data sheet were determined by the product chemistry. The actual results may vary with the color and gloss level of each product. A specific data sheet is available for individual products upon request.*