

# PCTT70110 ENVIROCRON® Powder Coat

### **Highlights**

PPG's Enviracryl<sup>™</sup> and Envirocron<sup>™</sup> 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 Powder Coatings provide a combination of good physical and chemical resistance properties. 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**

Available in a wide range of colors and glosses Exterior durability Good chemical resistance UL Approved

## **Technical Properties**

Property	Test Method	Value
Color		RAL 7032 Pebble Grey PRPS9634C
Appearance		Structure
Gloss	ASTM D-523	25 - 45 @ 60°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	80 InIbs. Direct
		60 InIbs. Reverse
Conical Mandrel	ASTM D-522	1/8" - No Cracking
Salt Spray	ASTM B-117	1000 Hrs. Pass
Humidity	ASTM D-1735	100F, 100% RH - 1000+ hours

Film Properties were determined using 2.5 - 3.5 mils powder film over 22 gauge (0.032") cold rolled steel B1000 test panels.

## **Application Data**

Application Type:	Electrostatic Spray
Recommended Bake:	10 Minutes at 340 °F Metal Temperature See Cure Curve PCT-049
Specific Gravity:	1.61 ± .05
Theoretical Coverage:	119 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	77 °F Maximum - 12 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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