PCM70140
ENVIROCRON® Powder Coat

Highlights

PPG's Enviracryl™ 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" Epoxy Powder Coatings provide a combination of good physical and chemical resistance properties. This extensive line of Epoxy Powders is manufactured to meet the increasing requirement demands of the automotive and industrial markets. These sophisticated Epoxies 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 Corrosion Resistance

Good chemical resistance

Technical Properties

Property	Test Method	Value
Color	_____	Zinc Primer Gray
Appearance		Smooth
Gloss	ASTM D-523	55 - 70 @ 60°
Adhesion	ASTM D-3359	100% (5B pass)
Hardness	ASTM D-3363	H - 2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	80 In.-lbs. Direct 80 In.-lbs. Reverse
Conical Mandrel	ASTM D-522	1/8" Mandrel- No Cracking
Salt Spray	ASTM B-117	4000 Hrs. Pass <1/8" Scribe Creep - No Blisters
Humidity	ASTM D-1735	1000 Hrs. <1/16" Scribe Creep - No Blisters

Film Properties were determined using 2.0 - 3.0 mils powder film over iron phosphated, chrome rinse pretreated, 22 gauge, unpolished cold rolled steel test panels. Impact resistance was determined at 2.0 mils.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	10 Minutes at 300 °F Metal Temperature See Cure Curve PCM-010
Specific Gravity:	3.59 ± .05
Theoretical Coverage:	54 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	80 °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.