



We protect and beautify the world™

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" Hybrid Powder Coatings provide a combination of good physical and chemical resistance properties. This extensive line of Hybrid Powders is manufactured to meet the increasing requirement demands of the appliance, automotive and industrial markets. These sophisticated Hybrids 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

Technical Properties

Color

Color

Appearance

Gloss

Adhesion

Hardness

Impact Resistance

Conical Mandrel

Salt Spray

Humidity

Film Properties were phosphated, chromate panels.

Application Data

Application Type:

Recommended Bake

Specific Gravity:

Theoretical Coverage

Shelf Life from Date of Manufacture (@40-100°F)

PPG recommends that you use Materials that exceed the minimum requirements.



* Statements and methods described herein are based on test results and are not to be construed as representations or warranties. Numerous other user-determined conditions, the user's application, and numerous other user-determined conditions, the user's application, including without limitation substrate, application method, and environmental conditions, may affect the results. PPG does not warrant freedom from patent infringement. Contact your PPG representative for the most current information. ENVIROCRON and the PPG logo are trademarks of PPG Industries, Inc.

PCMP40100

ENVIROCRON® Powder Coat

Properties

Test Method	Value
	Munsell Green
	Smooth
ASTM D-523	60 - 70 @ 60°
ASTM D-3359	100% (5B Pass)
ASTM D-3363	H - 2H Pencil (Eagle)
ASTM D-2794	80 In.-lbs. Direct
	80 In.-lbs. Reverse
ASTM D-522	1/8" Mandrel
	- No Cracking
ASTM B-117	1000 Hrs. Pass
	<1/8" Scribe Creep
	- No Blisters
ASTM D-1735	1000 Hrs. Pass
	<1/16" Scribe Creep
	- No Blisters

*Value determined using 1.5 - 3.5 mils powder film over iron
substrate, surface pretreated, 22 gauge, unpolished cold rolled steel test*

Application

Electrostatic Spray

Cure Time: 12 Minutes at 375 °F Metal Temperature

See Cure Curve PCM-015

Thickness: 1.64 ± .05

Coverage: 117 Sq. Ft. per pound at 1.0 mil

Storage: 80 °F Maximum - 12 Months
(at 60% RH):

*Use all material in FIFO order (first in - first out).
The recommended shelf life should be tested prior to use.*

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