



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" 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

Available in a wide range of colors and glosses

Low cure capabilities

Good chemical resistance



## Technical Properties

Color

Appearance

Gloss

Adhesion

Hardness

Impact Resistance

Conical Mandrel

Salt Spray

Humidity

*Film Properties were  
(0.032") cold rolled*

## Application Data

Application Type:

Recommended Bake

Specific Gravity:

Theoretical Coverage

Shelf Life from Date  
Manufacture (@40-1

*PPG recommends that  
Materials that exceed 1*

\* Statements and methods described herein are based on test results obtained under specific conditions and are not to be construed as representations or warranties of performance under all conditions. For all purposes, including without limitation substrate, application, and cure conditions, the user assumes all responsibility. PPG does not warrant freedom from patent infringement. Contact your PPG representative for the material data sheet for ENVIROCRON and the PPG logo a

# PCMT70104

## ENVIROCRON® Powder Coat

### Properties

| Test Method | Value                       |
|-------------|-----------------------------|
|             | Gray Primer                 |
|             | PE1620E                     |
|             | Smooth                      |
| ASTM D-523  | 2.0 - 5.0 @ 60°             |
| ASTM D-3359 | 100% (5B Pass)              |
| ASTM D-3363 | 2H Pencil (Eagle)           |
| ASTM D-2794 | 40 In.-lbs. Direct          |
|             | 40 In.-lbs. Reverse         |
| ASTM D-522  | 1/8" - No Cracking          |
| ASTM B-117  | 3000 Hrs. Pass              |
|             | <1/8" Scribe Creep          |
|             | - No Blisters               |
| ASTM D-1735 | 100F, 100% RH - 1000+ hours |

*Value determined using 2.0 - 3.0 mils powder film over 22 gauge steel B1000 test panels.*

### Application

|   |  |
|---|--|
|   | Electrostatic Spray                    |
| Cure Time:                                | 10 Minutes at 375 °F Metal Temperature |
|   | See Cure Curve PCM-029                 |
| Thickness:                                | 1.57 ± .05                             |
| Coverage:                                 | 122 Sq. Ft. per pound at 1.0 mil       |
| Storage Life (at 77 °F Maximum - 60% RH): | 12 Months                              |

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

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