



We protect and
beautify the world™

PCMT50101

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

Available in a wide range of colors and glosses

Low cure capabilities

Good chemical resistance

Technical Properties

| Property | Test Method | Value |
|-------------------|-------------|---|
| Color | _____ | FS 36375 Blue Gray PEL1652E |
| Appearance | | Smooth |
| Gloss | ASTM D-523 | 0.0 - 5.0 @ 60° |
| Adhesion | ASTM D-3359 | 100% (5B Pass) |
| Hardness | ASTM D-3363 | 2H Pencil (Eagle) |
| Impact Resistance | ASTM D-2794 | 80 In.-lbs. Direct 40 In.-lbs. 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 2.0 - 3.0 mils powder film over 22 gauge (0.032") cold rolled steel B1000 test panels.

Application Data

| | |
|--|--|
| Application Type: | Electrostatic Spray |
| Recommended Bake: | 15 Minutes at 300 °F Metal Temperature See Cure Curve PCM-028 |
| Specific Gravity: | 1.49 ± .05 |
| Theoretical Coverage: | 129 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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