



## 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" Polyester Powder Coatings provide a combination of good physical and chemical resistance properties. This extensive line of Polyester Powders is antiseptically 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

Exterior durability  
Good chemical resistance  
VOCs are essentially zero  
Specifically formulated to meet the requirements of  
Ford ESB-M70J5-A

## Technical Properties

| Property            | Test Method            | Value   |
|---------------------|------------------------|---|
| Color               |                        | Silver Metallic   |
| Gloss               | ASTM D-523             | 45 Minimum @ 60°  |
| Adhesion            | ASTM D-3359            | 100% (5B Pass)  |
| Hardness            | ASTM D-3363            | H Pencil (Eagle)  |
| Impact Resistance   | ASTM D-2794            | 100 In.-lbs. Direct<br>100 In.-lbs. Reverse                   |
| Chemical Resistance | ASTM D-1540<br>Acetone | 10 Double Rubs - No Effect<br>20 Double Rubs - Slight Dulling |
| Conical Mandrel     | ASTM D-522             | 1/8" Mandrel<br>- No Cracking                                 |
| Salt Spray          | ASTM B-117             | 500 Hrs. Pass<br><1/8" Scribe Creep<br>- No Blisters          |
| Humidity            | ASTM D-1735            | 500 Hrs. Pass<br><1/16" Scribe Creep<br>- No Blisters         |

*Film Properties were determined using 2.5 - 3.5 mils powder film over iron phosphated, chrome rinse pretreated, 22 gauge, unpolished cold rolled steel test panels. For maximum retention of product appearance with exposure to salt spray, humidity, and outdoor weathering, topcoating with a durable clear is recommended.*

## Application Data

|                                      |  |
|--------------------------------------|--|
| Application Type:                    | Electrostatic Spray  |
| Recommended Bake:                    | 15 Minutes at 375 °F Metal Temperature<br>See Cure Curve PCT-001 |
| VOC:                                 | Essentially Zero   |
| Specific Gravity:                    | 1.23 ± .05   |
| Theoretical Coverage:                | 157 Sq. Ft. per pound at 1.0 mil                                 |
| Shelf Life from Date of Manufacture: | 80 °F Maximum - 24 Months  |



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