



We protect and beautify the world™

# PCU90180M 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" Polyester Urethane Powder Coatings provide a combination of good physical and chemical resistance properties. This extensive line of Polyester Urethane Powders is manufactured to meet the increasing requirement demands of the automotive and industrial markets. These sophisticated Polyester Urethanes 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

Thin film capabilities

This product meets the requirements of material specification:

Ford ESB-M2P119-A

Ford ESB-M70J5-A

## Technical Properties

Property	Test Method	Value
Color		Black Texture YGYAXXG
Appearance		Texture
Gloss	ASTM D-523	2.0 - 4.0 @ 60°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	160 In.-lbs. Direct 160 In.-lbs. Reverse
Conical Mandrel	ASTM D-522	1/8" Mandrel - No Cracking
Salt Spray	ASTM B-117	1000 Hrs. Pass <1/8" Scribe Creep - No Blisters
Humidity	ASTM D-1735	1000 Hrs. Pass <1/16" Scribe Creep - No Blisters

*Film Properties were determined using 1.8 - 3.0 mils powder film over zinc phosphated, chrome rinse pretreated, 22 gauge, unpolished cold rolled steel test panels and over P590/534 electrocoat*

## Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	20 Minutes at 375 °F Metal Temperature See Cure Curve PCU-011
Specific Gravity:	1.59 ± .05
Theoretical Coverage:	121 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	80 °F Maximum - 24 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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