



We protect and
beautify the world™

PCAT24100

ENVIROCRON® Powder Coat

Highlights

PPG's Enviracryl™ and Envirocron™ powder coatings are aesthetically pleasing, produce a durable uniform matte finish and can be custom formulated in a variety of surface textures.

PPG's "World Class" Polyester Acrylic Powder Coatings provide excellent durability and performance properties. This extensive line of Polyester Acrylic Powders is manufactured to meet the increasing quality requirements of the automotive, industrial and commercial markets. These sophisticated polyester acrylics are the solution to your smoothness, 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

Exterior durability

Good chemical resistance

Technical Properties

Property	Test Method	Value
Color	_____	Rust PPA180133
Appearance		Smooth
Gloss	ASTM D-523	1.0 - 3.0 @ 60°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	100 In.-lbs. Direct 100 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:	10 Minutes at 400 °F Metal Temperature See Cure Curve PCA-002
Specific Gravity:	1.65 ± .05
Theoretical Coverage:	116 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	77 °F Maximum - 6 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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