PCFA80139

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" Hybrid Powder Coatings provide a combination of good physical and chemical resistance properties. This extensive line of Hybrid Powders is manufactured to meet the increasing requirement demands of the appliance, automotive and industrial markets. These sophisticated Hybrids 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

Good chemical resistance

UL Approved

Technical Properties

Property	Test Method	Value
Color	_____	RAL 9003 FLAT HYBRID
Appearance		Smooth
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	100 In.-lbs. Direct
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 2.5 - 3.5 mils powder film over iron phosphated, chrome rinse pretreated, 22 gauge, unpolished cold rolled steel test panels.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	10 Minutes at 400 °F Metal Temperature See Cure Curve PCF-004
Specific Gravity:	1.55 ± .05
Theoretical Coverage:	124 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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