



We protect and
beautify the world™

PCUT49104

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" Ultradurable Polyester Urethane Powder Coatings provide a combination of good physical and chemical resistance properties with excellent resistance to outdoor weathering. 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

Available in a wide range of colors and glosses
Excellent Exterior durability
Good chemical resistance
Outgas friendly (OGF)
Compliant to ASTM D6578 Level 8
Standard Practice for Determination of Graffiti Resistance

Technical Properties

Property	Test Method	Value
Color		OGF RAL 6009 Green AG
Appearance		Smooth
Gloss	ASTM D-523	85 Minimum @ 60°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	60 In.-lbs. Direct No Flaking 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:	10 Minutes at 350 °F Metal Temperature See Cure Curve PCU-001
Specific Gravity:	1.39 ± .05
Theoretical Coverage:	138 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	77 °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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