



We protect and
beautify the world™

PCST75111

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

Bonded Metallic Coating
Available in a wide range of colors and glosses
Excellent Exterior durability
Good chemical resistance

Technical Properties

Property	Test Method	Value
Color		Volvo Silver
Appearance		Metallic
Gloss	ASTM D-523	75 Minimum @ 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 aluminum test panels. For maximum retention of product appearance in aggressive environments such as intense direct sun and wet or coastal areas, top coating with a durable clear is recommended.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	10 Minutes at 375 °F Metal Temperature See Cure Curve PCS-012
Specific Gravity:	1.22 ± .05
Theoretical Coverage:	157 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	77 °F Maximum - 12 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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