PCU75128

ENVIROCRON® XMR 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

Available in a wide range of colors and glosses

Excellent chemical resistance

Bonded Metallic Coating

Excellent mar / scratch resistance

Specifically designed for resistance to perspiration.

Technical Properties

Property	Test Method	Value
Color	_____	Arctic Silver
Appearance		Smooth
Gloss	ASTM D-523	55 - 65 @ 60°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	3H - 4H Pencil (Eagle)
Impact Resistance	ASTM D-2794	80 In.-lbs. Direct 80 In.-lbs. Reverse
Conical Mandrel	ASTM D-522	1/8" Mandrel - No Cracking
Salt Spray	ASTM B-117	500 Hrs. Pass <1/8" Scribe Creep - No Blisters
Humidity	ASTM D-1735	500 Hrs. Pass <1/16" Scribe Creep - No Blisters

Film Properties were determined using 2.5 - 3.5 mils powder film over iron phosphated, non-chrome rinse pretreated, 22 gauge, polished cold rolled steel test panels.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	7 Minutes at 392 °F Metal Temperature See Cure Curve PCU-003
Specific Gravity:	1.28 ± .05
Theoretical Coverage:	150 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	80 °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.