



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" High Transfer Efficiency Powder Coatings provide a combination of good physical and chemical resistance properties. This extensive line of HTE Powders is engineered to meet the increasing requirement demands of the industrial wire and complex metal surface markets. They are available in both standard durable and ultradurable formulations with a first-pass transfer efficiency rate of 85% or better resulting in superior application build rates. These sophisticated Powders are the solution to your 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

Technical Properties

Property	Test Method	Value
Color		Gray
Appearance		Smooth
Gloss	ASTM D 523	85 Maximum @ 60°
Adhesion	ASTM D 3359	100% (5B Pass)
Hardness	ASTM D 3363	2H Pencil
Impact Resistance	ASTM D 2794	160 in-lbs Direct - No flaking 160 in-lbs Reverse - No flaking
Conical Mandrel	ASTM D 522	1/8" Mandrel - No flaking
Salt Spray	ASTM B 117	1000 hrs
Humidity	ASTM D 4585 @ 38° C	100 °F, 100% RH - 1000+ hrs

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 PCt-001
Specific Gravity:	1.61 ± .05
Theoretical Coverage:	119 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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