



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
- Excellent exterior durability
- Good chemical resistance
- Low cure capabilities
- Outstanding Monocoat Corrosion Protection
- Fortified with Corrosion Inhibitor
- Outgas Resistant

Technical Properties

Property	Test Method	Value
Color		Wheel Red Max
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	80 in-lbs Direct - No flaking 80 in-lbs Reverse - No flaking
Conical Mandrel	ASTM D-522	1/4" Mandrel - No flaking
Salt Spray	ASTM B-117	Up to 3000 hrs
Humidity	ASTM D-1735	100 °F, 100% RH - 1000+ hrs
Exterior Weathering	Florida 45° South	60 Months - 30% Gloss Retention

Film Properties were determined using 2.5 - 3.5 mils powder film over cleaned 22 gauge cold rolled steel test panels. Corrosion testing performed on shot blasted untreated CRS. (when applied 3.0+ mils above blast profile)

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	10 Minutes at 350 °F Metal Temperature See Cure Curve PCS-004
Specific Gravity:	1.63 ± .05
Theoretical Coverage:	118 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.



* Statements and methods described herein are based upon the best information and practices known to PPG Industries, Inc. ("PPG"). Any statements or methods mentioned herein are general suggestions only and are not to be construed as representations or warranties as to safety, performance, or results. Since the suitability and performance of the product is highly dependent on the product user's processes, operations, and numerous other user-determined conditions, the user is solely responsible for, and assumes all responsibility, risk and liability arising from, the determination of whether the product is suitable for the user's purposes, including without limitation substrate, application process, pasteurization and/or processing, and end use. No testing, suggestions or data offered by PPG to the user shall relieve the user of this responsibility. PPG does not warrant freedom from patent infringement in the use of any formula or process set forth herein. Continuous improvements in coatings technology may cause future technical data to vary from what is in this bulletin. Contact your PPG representative for the most up to date information.

ENVIROCRON and the PPG logo are registered trademarks of PPG Industries Ohio, Inc.