



### 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

- Excellent exterior durability
- Available in a wide range of colors and glosses
- Formulated without the use of TGIC
- Good chemical resistance
- Low cure capabilities
- Outstanding Monocoat Corrosion Protection
- Fortified with Corrosion Inhibitor
- Outgas Resistant

### Technical Properties

Property	Test Method	Value
Color		Wheel White 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:	1.70 ± .05
Theoretical Coverage:	113 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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