



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 | | Kubota Orange MAX |
| Appearance | | Smooth |
| Gloss | ASTM D-523 | 90 Minimum @ 60° |
| Adhesion | ASTM D-3359 | 100% (5B Pass) |
| Hardness | ASTM D-3363 | 2H Pencil (Eagle) |
| Impact Resistance | ASTM D-2794 | 120 in-lbs Direct - No flaking 100 in-lbs Reverse - No flaking |
| Conical Mandrel | ASTM D-522 | 1/8" 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 2.0 - 3.0 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

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|---|--|
| Application Type: | Electrostatic Spray |
| Recommended Bake: | 10 Minutes at 350 °F Metal Temperature See Cure Curve PCS-004 |
| Specific Gravity: | 1.49 ± .05 |
| Theoretical Coverage: | 129 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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