



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" Ultradurable Polyester Powder Coatings provide a combination of good physical and chemical resistance properties with excellent resistance to outdoor weathering. This extensive line of Polyester Powders is manufactured to meet the increasing requirement demands of the appliance and industrial markets. These sophisticated Polyesters 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

- High flow but rheological control to avoid drips
- Can be applied over primer to achieve ISO12944: C5M (marine grade) performance
- Excellent Exterior durability(AAMA 2604 compliant)
- Good chemical resistance
- Automotive grade jetness
- World class abrasion from XMR (Extreme Mar Resistance) technology
- Outgas friendly especially suited for shot blasted and cast metals
- Industry leading transfer efficiency from enhanced manufacturing control
- Fast and Low cure capability

Technical Properties

Property	Test Method	Value
Color	_____	RAL 9005 OGF Trailer Black
Appearance		Smooth
Gloss	ASTM D-523	93 Minimum @ 60°
Adhesion	ASTM D-3359	Dry: 100% (5B Pass) Wet: 100% (5B Pass) Boiling Water: 100% (5B Pass)
Hardness	ASTM D-3363	H Pencil (Eagle)
Impact Resistance	ASTM D-2794	100 In.-lbs. Direct 100 In.-lbs. Reverse
Conical Mandrel	ASTM D-522	1/4" - No Flaking
Salt Spray	ASTM B-117	3000 Hrs. Pass

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

Application Type:	Electrostatic Spray
Recommended Bake:	10 Minutes at 325 °F Metal Temperature See Cure Curve PCT-043
Specific Gravity:	1.42 ± .05
Theoretical Coverage:	135 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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