



Highlights

PPG's ENVIROCRON™ Extreme Protection Powder Coatings provide a combination of excellent chip resistance with good physical and chemical resistance properties. This line of Epoxy powders is manufactured to meet the increasing demands of the automotive and industrial markets. These sophisticated epoxy topcoats are the solution to your smoothness, durability and physical property requirements. An unsurpassed application development program enables consistently friendly use on a variety of substrates.

Product Features

- Superior Chip Resistance
- Superior Cold Flex Properties
- Good chemical resistance

Technical Properties

Property	Test Method	Value
Color		NHL Red Epoxy
Gloss	ASTM D-523	80 Minimum @ 60°
Adhesion	ASTM D-3359	100% (5B Pass)
Hardness	ASTM D-3363	2H Pencil (Eagle)
Impact Resistance	ASTM D-2794	160 In.-lbs. Direct 160 In.-lbs. Reverse
Conical Mandrel	ASTM D-522	1/8" Mandrel - No Cracking
Salt Spray	ASTM B-117	1000 Hrs. Pass <1/8" Scribe Creep - No Blisters
Humidity	ASTM D-1735	1000 Hrs. Pass <1/16" Scribe Creep - No Blisters

Film Properties were determined using 4.0 - 6.0 mils powder film over iron phosphated, chrome rinse pretreated, 22 gauge, unpolished cold rolled steel test panels.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	20 Minutes at 325 °F Metal Temperature See Cure Curve PCM-033
Specific Gravity:	1.23 ± .05
Theoretical Coverage:	156 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@40-60% RH):	80 °F Maximum - 6 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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