



Highlights

PPG's Epoxy Powder Coatings provide a combination of good physical and chemical resistance properties and are manufactured to meet the demands of many industrial markets. These sophisticated Epoxies 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

Excellent corrosion resistance
 Excellent solvent and chemical resistance
 Excellent performance as a primer for topcoats
 Tested and approved to material specification:
 MIL-PRF-32348

Technical Properties

Property	Test Method	Value
Color	_____	26307 Gray Primer Federal Std 595
Appearance		Smooth
Gloss	ASTM D-523	15 - 30 @ 60°
Adhesion	MIL-DTL-0053022C ASTM D-5486/D-5486M	100% (5B Pass)
Super Tropical Bleach	ASTM D-3363	<2 unit pencil hardness change <2.5 NBS color difference
Hydrocarbon Resistance	MIL-DTL-0053022C- JP4	2 Hr Exposed/Unexposed - No change
Conical Mandrel	ASTM D-522	1/4" Mandrel- No Cracking
Salt Spray	ASTM B-117	1000 Hrs. Pass <1/4" Scribe Creep -No Blisters
Water Resistance	MIL-DTL-0053022C ASTM D-1308	24 Hr Exposed/Unexposed - No change

Film Properties were determined using 1.5 - 2.5 mils powder film over zinc phosphated, non-chrome rinse pretreated, 22 gauge, unpolished cold rolled steel test panels.

Application Data

Application Type:	Electrostatic Spray
Recommended Bake:	20 Minutes at 375 °F Metal Temperature See Cure Curve MLP-001
Specific Gravity:	1.54 ± .05
Theoretical Coverage:	125 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture (@ 40-60% RH):	80 °F Maximum - 24 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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