

**HIGHLIGHTS**

PPG's Epoxy Powder Coatings provide a combination of good physical and chemical resistance properties and are antiseptically 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.

PPG epoxy powder primer is a great solution for corrosion resistant applications where the military specification liquid epoxy primers (MIL-DTL-53022, MIL-DTL-53030) are normally used.

**PRODUCT FEATURES**

Excellent corrosion resistance  
Excellent solvent and chemical resistance  
VOCs are essentially zero  
Excellent performance as a primer for topcoats  
Approved by the Army Research Lab to meet the performance of MIL-DTL-53022C (QPL-1874)

**TECHNICAL PROPERTIES**

Property	Test Method	Value
Color	_____	26622 White Primer
Gloss	ASTM D-523	10 - 30 @ 60°
Adhesion	MIL-DTL-0053022C ASTM D-5486/D-5486M	100% (5B Pass)
Impact Resistance	ASTM D-2794	80 In.-lbs. Direct 80 In.-lbs. Reverse
Super Tropical Bleach	ASTM D-3363	<2 unit pencil hardness change <2.5 NBS color difference
Knife Test	6304.2 Fed Std. 141	Pass
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
Xenon Arc	SAE J2527	Pass

*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
VOC:	Essentially Zero
Specific Gravity:	1.49 ± .05
Theoretical Coverage:	129 Sq. Ft. per pound at 1.0 mil
Shelf Life from Date of Manufacture:	80 °F Maximum - 24 Months

The technical data presented in this bulletin is based upon information believed by PPG to be currently accurate. However, no guarantees of accuracy, comprehensiveness, or performance are given or implied. Continuous improvements in coatings technology may cause future technical data to vary from what is in this bulletin. Contact your PPG representative for the most up to date information.

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