



# Technical Data Sheet

**Product Name:** BLACK RUST 3686M

**Product Code:** PNL63686M

**Chemistry:** Polyester TGIC

**Date:** December 17, 2021

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<b>ASTM D5965 (B)</b>	Specific Gravity	1.52± 0.05
<b>PCI TECHNICAL BRIEF #8</b>	Theoretical Coverage	126 ft/lb/mil
	Shelf Life	12 months in climate controlled environment

## *Film Characteristics*

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<b>ASTM D523</b>	Gloss @ 60°	0-10
<b>ASTM D3359 (B)</b>	Adhesion	5B
<b>ASTM D3363</b>	Pencil Test (Scratch Hardness)	HB
<b>ASTM D7091(B)</b>	Recommended Film Thickness	2.0-3.0 mils
<b>PCI TECHNICAL BRIEF #20</b>	PCI Powder Smoothness	N/A
<b>ASTM D522 (A)</b>	Flexibility Mandrel	1/8"
<b>ASTM D2794</b>	Impact (D/R)	60/60 in-lbs
<b>ASTM D5402</b>	MEK Resistance	50 Double Rubs
<b>ASTM B117</b>	Salt Spray	1000 hours

## *Application*

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Electrostatic Spray, Cold  
Substrate: 0.024 in. CRS  
Pretreatment: Bonderite® 1000, Parcolene® 60

**Cure Schedule**  
(Time at Substrate Temperature)  
15- Min @ 356°F

## *Notes*

American Standard Testing Method (ASTM)  
Powder Coating Institute (PCI)  
This report cannot be altered or changed without the authorization of the Quality Manager.

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