EnviroLuxe™ PFAS NIA Powder Coat

Polyester TGIC

PCTT90372 - RAL9005 JET BLACK TEXTURE PTFE-NIA

POWDER COATING **Technical Data Sheet**

Highlights

EnviroLuxe powder coatings offer exceptional protection in a sustainably advantaged coating. The unique formulas include resin systems and chemistries to achieve up to a 30% reduction in carbon footprint.

Enviroluxe powder coatings are available in a broad selection of standard and custom colors, including metallic options, allowing for aesthetic flexibility without sacrificing sustainability.

- Available in a wide range of colors and glosses
- Good chemical resistance
- PTFE-NIA Textures

PRODUCT CHARACTERISTICS

First-pass transfer efficiency rates up to 85%
Excellent batch to batch consistency

TEST CONDITIONS

Property	Test method	Value
Substrate		Pretreated steel panels
Recommended Thickness	ASTM D 7091	2.0 - 3.0 mils
Curing Conditions	Metal Temperature	10 min @ 375 °F

Impact Resistance and Conical Mandrel were determined at 3.0 mils.

PRODUCT PROPERTIES

Property	Test method	Value
Appearance	Visual Inspection	Texture
Gloss 60°	ASTM D 523	3.0 - 5.0
Adhesion	ASTM D 3359	100% (5B Pass)
Hardness	ASTM D 3363	2H Pencil (Eagle)
Impact - Direct	ASTM D 2794	100 in-lbs
Impact - Reverse	ASTM D 2794	100 in-lbs
Conical Mandrel	ASTM D 522	1/8" Mandrel
Salt spray	ASTM B 117	1000 hrs
Specific gravity	Calculated	1.74 ± .05
Theoretical coverage	Calculated	111 ft²/lbs at 1.0 mil 22.6 m²/kg at 25 µm

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STORAGE STABILITY

24 months at 80 °F maximum

Materials need to be stored in sealed plastic bags under dry and cool conditions. Do not expose to sunlight.

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.

SUBSTRATE PREPARATION

Surface preparation should be chosen according to the type of substrate and required performance.
The coater should test the suitability of the surface preparation before the application using appropriate test methods.

APPLICATION RECOMMENDATIONS

Electrostatic Spray
Coating can be applied with automatic and manual devices.
Substrate should be correctly cleaned before use.
Do not mix this product with other powder coatings.
Color and finish influenced by film thickness: a good control of the film thickness will help the consistency of the aspect.

HEALTH AND SAFETY

For comprehensive Health, Safety, and Environmental advice, please refer to the relevant Safety Data Sheets, and information printed on the product label.

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