

Peridium[®] T_{SERIES}
TGIC Polyester
PRODUCT CODE: PLX5071-02
DESCRIPTION: Iron Grey (RAL 7011)

POWDER PROPERTIES:

Specific Gravity:	1.32 ± 0.05
Theoretical Coverage @ 1 mil (square feet per pound):	146 ± 4

CURED POWDER PROPERTIES (1.8 to 2.2 mils DFT)

Cure Schedule (Time at Substrate Temperature):	10' @ 390 °F PMT
Substrate for Testing:	B1000 0.032 CRS
Gloss:	90+ @ 60°
PCI Powder Smoothness:	7
Pencil Hardness:	ASTM D3363 2H+
Direct/Reverse Impact (inch-pounds):	ASTM D2794 160 / 160
Adhesion, Crosshatch:	ASTM D3359 5B
Flexibility, Mandrel Bend:	ASTM D522 1/8 in dia, no fracture
Salt Spray – 1000 hrs:	ASTM B117 Pass
Humidity – 1000 hrs:	ASTM D2247 Pass

Additional Technical Data available upon request
STORAGE STABILITY

Maintain storage temperatures below 80°F. Protect virgin and reclaimed powder from excessive heat and humidity. Shelf life ranges from 6 months to over 1 year depending on storage conditions.

LIMITED WARRANTY

Since Diamond Vogel does not control the application of its product, nor the condition of the surfaces to which they are applied, a Limited Warranty is provided. If the products do not perform as specified, for whatever reason, Diamond Vogel's liability will under no circumstances exceed replacement of the product.