



# Product Data Guide

## Group: Polyester - River

Prismatic Powders · A division of NIC Industries, Inc. 7050 Sixth Street, White City, OR 97503 USA  
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### GROUP: POLYESTER - RIVER

#### CONTROL # PRB, P-6000 Series

**Note:** This product can vary between lot numbers, various KV settings, mil thickness, and oven temperatures. *Always run a test prior to starting any production with these products!* Proper application will be aided with the use of an air fluidized hopper to ensure proper metallic suspension.

**DESCRIPTION:** Single tone colors with dimpled profile (Thermosetting Powder Coating).

#### POWDER CHARACTERISTICS:

Powder type -	Polyester
Specific gravity -	1.5
Suggested KV setting -	45

#### CURED FILM CHARACTERISTICS:

Tested at 3.5 to 4.5 mils on a 3x5 Q (CRS panel): **12 min. @ 400° F**  
**Note:** Full cure time depends on thickness of substrate!

**“CURE TIME STARTS WHEN PART METAL IS AT TEMP”**

GLOSS (60 degree) -	80% to 90%
FORWARD IMPACT -	160 in/lbs
REVERSE IMPACT -	160 in/lbs
PENCIL HARDNESS -	H - 2H
ULTRA VIOLET -	Stable

\*Fluorescent, Transparent and Candy colors may have limited UV stability.

#### RECOMMENDED STORAGE / SHELF LIFE:

Temperature: (Store in cool dry environment)	Less than 70° F
Time:	6 to 8 months

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