



Product Data Guide

Group: Polyester Top Coats

Prismatic Powders™ · A division of NIC Industries, Inc. 7050 Sixth Street, White City, OR 97503 USA
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CONTROL #s PPS, PPB, P-5000 Series

Note: These products may show variances in color and metallic density due to mil thickness, oven temp., and KV setting. *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: Transparent top coat – clear, clear w/metallic, candy, candy w/metallic (Thermosetting Powder Coating). . *NOTE: Transparent colors will vary depending on their substrate or base coat color. Use a silver or “chrome like” base coat to achieve the standard transparent color.*

POWDER CHARACTERISTICS:

Powder type -	Polyester / Top Coat
Specific gravity -	1.2 to 1.5
Suggested KV setting -	45 or less if top coating over basecoat

CURE TIME & TEMP:

10 min. @ 400° F

Cure time starts when substrate reaches temperature!

Testing done at 1.8 to 2.8 mils on a 3x5 QC panel (CRS panel)

Remember base coats act as an insulator – adjust and extend cure times as needed.

For thick substrates: 3 to 4 min @ 400 then drop to as low as 350° F - extend cure time for a full cure. Expanded application guides available by request.

CURED FILM CHARACTERISTICS:

GLOSS -	20% to 90%
FORWARD IMPACT -	160 in/lbs
REVERSE IMPACT -	160 in/lbs
PENCIL HARDNESS -	2H - 3H

*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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