



Product Data Guide

Group: Epoxy - Metallic 1

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GROUP: EPOXY - METALLIC

CONTROL # EMS, E-4000 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: Smooth single tone heavy or light metallic color (Thermosetting Powder Coating).

POWDER CHARACTERISTICS:

Powder type -	Epoxy / Metallic
Specific gravity -	1.5
Suggested KV setting -	45

CURED FILM CHARACTERISTICS

Tested at 2.0 to 3.0 mils on a 3x5 QC panel (CRS panel): **8 min. @ 400°F**

Note: Full cure time depends on thickness of substrate!!

“CURE TIME STARTS WHEN PART METAL IS AT TEMP”

GLOSS -	45% to 90%
FORWARD IMPACT -	140 in/lbs
REVERSE IMPACT -	140 in/lbs
PENCIL HARDNESS -	3H
ULTRA VIOLET -	Non-stable

RECOMMENDED STORAGE / SHELF LIFE

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

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