



Product Data Guide

Group: Epoxy - Wrinkle

Prismatic Powders™ · A division of NIC Industries, Inc. 7050 Sixth Street, White City, OR 97503 USA
Phone: 541-826-1922 / Fax: 541-826-6372 / www.nicindustries.com

GROUP: EPOXY – WRINKLE

CONTROL # EWS, EWB, E-9000 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: Wrinkle texture finish (Thermosetting Powder Coating).

POWDER CHARACTERISTICS:

| | |
|------------------------|-------|
| Powder type - | Epoxy |
| Specific gravity - | 1.6 |
| Suggested KV setting - | 45 |

CURED FILM CHARACTERISTICS:

Tested at 2.5 to 3.5 mils on a 3x5 QC panel (CRS panel): 15 min. @ 350° F

For a more uniform appearance, parts should enter the oven at 150° F – then ramp up to 350° F then time to full cure.

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

| | |
|-------------------|------------|
| GLOSS - | 10% + |
| FORWARD IMPACT - | 60 in/lbs |
| REVERSE IMPACT - | 60 in/lbs |
| PENCIL HARDNESS - | H |
| ULTRA VIOLET - | Non-stable |

FAQ'S AND TECH:

Wrinkle powders may blister around welded areas on projects with sealed tubes, i.e. fencing, railing, gates, etc. The inherent properties that form a wrinkle finish, cross-link slow during the cure cycle, which can allow gas to be trapped. Drilling vent holes will help minimize this effect. If venting is not feasible, powder other than a wrinkle should be considered.

RECOMMENDED STORAGE / SHELF LIFE:

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

NIC Industries, Inc. does not warranty the use or application of the materials it manufactures or supplies. Our only obligation shall be to replace any defective materials supplied by us or refund the original purchase price of that product after we have determined the product to be defective. We assume no liability for damages of any kind and the user accepts the product "as is" and without any warranties, expressed or implied. The suitability of the product and/or intended use shall be solely the responsibility of the user.

The information contained in this bulletin we believe to be correct to the best of our knowledge and testing. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that you make adequate tests in your laboratory or plant to determine if this product meets all your requirements.