

Product Datasheet



BU Powder Coatings

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Interpon NTX

Product Description

Interpon NTX is a range of polyester epoxy hybrid powder coatings designed for the interior environment that offers excellent corrosion resistance, hardness, and chemical resistance properties. **Interpon NTX** polyester epoxy hybrid powders are available in a wide range of colors and gloss levels.

Powder Properties

Gloss at 60°	High, Medium, Matte, and TXT
Specific gravity	1.2-1.8 g/cm ³ depends on color
Storage	80°F
Shelf life	12 months, typical
Cure schedule	15 minutes at 375°F

Test Conditions

The results shown below are based on mechanical and chemical tests which (unless otherwise indicated) have been carried out under laboratory conditions and are given for guidance only. Actual product performance will depend upon the circumstances under which the product is used.

Substrate	Cold Rolled Steel
Pretreatment	Iron Phosphate (B1000) or Zinc Phosphate (B952)
Film Thickness	2.0-3.0 mils
Cure Schedule	15 minutes at 375°F

Mechanical, Chemical, and Durability Tests

	Result	Method
Adhesion	100%	ASTM D3359
Hardness	2H	ASTM D3363
Impact	140/140	ASTM D2794
Flexibility	1/8"	ASTM D522
Salt Spray	<1/8" creep at 500 hours, No blisters	ASTM B117
Humidity	No change at 1000 hours	ASTM D2247
Exterior Durability	No	

Safety Precautions

When using, do not eat, drink, or smoke. Do not breathe the dust. In case of insufficient ventilation, wear suitable respiratory equipment.

For further information, please refer to the specific product Material Safety Data Sheet (MSDS).

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Pretreatment

Steel surfaces to be coated must be clean and free from grease. For maximum protection, it is essential to pre-treat components prior to the application of **Interpon NTX**. Iron phosphate and zinc phosphate of ferrous metals improve corrosion resistance.

Aluminum substrate may require a chromate conversion coating.

Application

Interpon NTX powders can be applied by manual or automatic electrostatic spray equipment. It is recommended that for consistent application and appearance product be fluidized during application. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.

Additional Information

Interpon NTX is suitable for use in food contact applications per 21 CFR 175.300 and 21 CFR 178.3297 if applied in accordance with its specifications. The end user should determine the suitability of this product for end use application.

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