

Product Datasheet



AkzoNobel
Tomorrow's Answers Today

BU Powder Coatings ANTHRACITE TEXTURE Interpon A3000: Exterior Trim QN309Q

Product Description

Interpon A3000 is a series of high durability polyester and acrylic based powder coatings designed for the exterior automotive applications offering excellent corrosion resistance and durability. **Interpon A3000** powders are available in a range of colors and glosses. Exceptional metallic durability **Interpon A3000** powders are ideal for applications where a high level of aesthetic finish is required.

Powder Properties

Chemistry	Polyester
Gloss	2.0-4.0
Specific gravity	1.58+/-0.05
Coverage at 1.0 mil	121.71 sq. ft. / lb. / mil
Storage	80°F maximum
Shelf life	12 months
Cure schedule	15 -20 minutes @ 375°F 15-20 minutes @ 380°F 10-15 minutes @ 392°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), Zinc Phosphate(B952), Electrocoat
Film Thickness	2.0-4.0 mils
Cure Schedule	20 min @ 380°F

Mechanical, Chemical and Durability Tests

	Result	Method
Adhesion	100%	ASTM D3359
Hardness	H-2H	ASTM D3363
Impact (direct)	80-120 inch-lbs	ASTM D2794
Impact (reverse)	80-120 inch-lbs	ASTM D2794
Flexibility	1/4" mandrel	ASTM D522
Salt Spray	>240 hours	ASTM B117
Humidity	>240 hours	ASTM D2247
Exterior Durability	Yes	

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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www.interpon.com

Disclaimer. The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavor to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

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Interpon
powder coatings
EVERY COLOR IS GREEN

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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 A3000**. Zinc Phosphate of ferrous metals improve corrosion resistance.

Aluminum substrate may require a chromate conversion coating.

Application

Interpon A3000 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.

Additional Information

Up to 5 years Exterior Durable

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