

# Product Data Sheet

AkzoNobel Pow  
Coatings

der

## Interpon A2202 PN236Q Black

<b>Product Description</b>	<p><b>Interpon A2202</b> powders can be used for pillars and appliqué, roof racks, grille guards, bumpers, hitches, mirror housings, and wiper arms all requiring protection from the environment as well as being visually harmonious with the overall design of a vehicle.</p> <p><b>Interpon A2202</b> powders are standard durable and answer to the requested performance level specified by the OEMs. They are also chemical and corrosion resistant, protective against chipping from road debris, hardened against scratches, but flexible enough to handle always changing environmental cycles.</p>		
<b>Powder Properties</b>	<b>Chemical type</b>	Polyester Urethane	
	<b>Appearance</b>	Smooth, Low Gloss	
	<b>Gloss level (Gardner 60°)</b>	17 – 23 GU	
	<b>Recommended Film thickness</b>	1.8 – 2.2 mils	
	<b>Specific gravity</b>	1.35 ± 0.05 g/cm³	
	<b>Coverage @ 1.0 mil</b>	142.4 sq. ft/lb./mil	
	<b>Storage</b>	Maximum 70°F (21°C)	
	<b>Shelf life</b>	12 months, typical	
	<b>Curing schedule</b> (at object temperature)	15 minutes at 375°F 15 minutes at 380°F 10 minutes at 392°F	
<b>Mechanical Tests</b>	<b>Flexibility</b>	ASTM D522	1/8" mandrel
	<b>Adhesion</b>	ASTM D3359	100%
	<b>Impact resistance (Direct)</b>	ASTM D2794	80 in.-lbs. or better
	<b>Hardness</b>	ASTM D3363	2H minimum
<b>Environmental and Durability Tests</b>	<b>Neutral Salt Spray</b>	ASTM B117	<1/16" creep, no blisters, at 500 hrs
	<b>Humidity</b>	ASTM D2247	No Change at 1000 hours
	<b>Exterior Durability</b>	Yes	
<b>Test Conditions</b>	Testing has been determined under laboratory conditions using the following application properties and is for guidance only.		
	<b>Substrate</b>	CRS	
	<b>Pretreatment</b>	Iron Phosphate (B1000)	
	<b>Film thickness</b>	1.8 – 2.2 mils	
	<b>Cure schedule</b>	15 minutes at 375°F	
	Actual film performance will depend on the individual circumstances in which the product is used.		
<b>Pre-treatment</b>	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 <b>Interpon A2202</b> . Iron phosphate and zinc phosphate of ferrous metals improve corrosion resistance.		

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Aluminum substrate may require a conversion coating.

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<b>Application</b>	<b>Interpon A2202</b> 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.
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<b>Additional Information</b>	Formerly VP-317-A  This product is color-matched to Ford Motor's color standard and is identified by their color number M-1724G JASAXXG. It is also color matched to FCA's color standard, and is identified by their color number VA-W3-03X. Typical uses for this product would be for application on window trim, luggage racks, wheel housing molds, roof pillar covers, key lock covers, door handles, etc.
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PN236Q holds the following OEM approvals:

Ford Motor	ESB-M70J5-A
FCA	MS-PE16-2

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<b>Safety Precautions</b>	Please consult the Safety Datasheet (SDS).
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<b>Disclaimer</b>	<b>IMPORTANT NOTE:</b> The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data 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. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product.
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<http://www.interpon.com/contact-us/>

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Author: **J. Gesford**