

Product Data Sheet

AkzoNobel Powder Coatings

Interpon A2201 YN208Q BLACK

Product Description	<p>Interpon A2201 powders can be used for pillars and appliques, roof racks, grille guards, bumpers, hitches, mirror housings, and wiper arms which all require protection from the environment as well as being visually harmonious with the overall design of a vehicle. Interpon A2201 powders are super durable (> two years Florida) 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>		
Powder Properties	Chemical type	Polyester TGIC Free	
	Appearance	Smooth	
	Gloss level (Gardner 60°)	20 ± 5 GU	
	Recommended Film thickness	2.4 – 4.0 mils	
	Specific gravity	1.33 ± 0.05 g/cm ³	
	Coverage @ 1.0 mil	144.5 sq. ft/lb./mil	
	Storage	Maximum 80°F	
	Shelf life	12 months, typical	
	Curing schedule (at object temperature)	10 minutes at 392°F 15 minutes at 380°F 20 minutes at 375°F	
Mechanical Tests	Flexibility	ASTM D522	1/4" mandrel
	Adhesion	ASTM D3359	100%
	Impact resistance (Direct/Reverse)	ASTM D2794	80/80 in.-lbs. or better
	Hardness	ASTM D3363	H-2H
Environmental and Durability Tests	Neutral Salt Spray	ASTM B117	<1/16" creep, no blisters, at 240 hours
	Humidity	ASTM D2247	No Change at 240 hours
	Exterior Durability		Yes
Test Conditions	Testing has been determined under laboratory conditions using the following application properties and is for guidance only.		
	Substrate	CRS or Aluminum	
	Pretreatment	Iron Phosphate (B1000) or Zinc Phosphate (B952) for CRS. Chromate conversion for Aluminum.	
	Film thickness	2.4 – 4.0 mils	
	Cure schedule	10 minutes at 392°F	
Actual film performance will depend on the individual circumstances in which the product is used.			
Pre-treatment	<p>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 A2201. Iron phosphate and zinc phosphate of ferrous metals improve corrosion resistance. Aluminum substrate may require a conversion coating.</p>		

Application	Interpon A2201 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	Interpon A2201 powders have up to 5 years of Florida exposure with good gloss and color stability. This product is also known as YN50KD in Europe.				
OEM Approvals	<table><tr><td>BMW</td><td>GS90011 (Product name on approval is YN50KD)</td></tr><tr><td>Ford</td><td>WSS-M2P180-C WSS-M70J5-B</td></tr></table>	BMW	GS90011 (Product name on approval is YN50KD)	Ford	WSS-M2P180-C WSS-M70J5-B
BMW	GS90011 (Product name on approval is YN50KD)				
Ford	WSS-M2P180-C WSS-M70J5-B				
Safety Precautions	Please consult the Safety Datasheet (SDS).				
Disclaimer	<p>IMPORTANT NOTE: 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.</p> <p>Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.</p> <p>Brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel</p>				

<http://www.interpon.com/contact-us/>

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