

# Product Data Sheet

## AkzoNobel Powder Coatings

### Interpon HT 350 CN202QF 99-9030 DRAGON BLACK METALLIC

<b>Product Description</b>	Interpon HT 350 powder products are designed for high service temperature applications. These products retain their film integrity and offer substrate protection during continuous or intermittent exposure to elevated service temperatures ranging from approximately 400°F to 600°F.		
<b>Powder Properties</b>	<b>Chemical type</b>	Thermoset Silicone	
	<b>Appearance</b>		
	<b>Gloss level (Gardner 60°)</b>	8-13	
	<b>Recommended Film thickness</b>	2.5-3.5 mils	
	<b>Specific gravity</b>	1.69 +/-0.05 g/cm³	
	<b>Coverage @ 1.0 mil</b>	114 sq.ft/lb/mil	
	<b>Storage</b>	Maximum 70°F in a sealed container	
	<b>Shelf life</b>	6 months, cold storage	
	<b>Curing schedule</b> (at object temperature)	15 MIN AT 400°F.	
<b>Mechanical Tests and Durability</b>	<b>Adhesion</b>	ASTM D3359	5B
	<b>Hardness</b>	ASTM3363	2H minimum
	<b>Impact resistance (Direct)</b>	ASTM 2794	80 or better
	<b>Flexibility</b>	ASTM D522	¼”
	<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>	Aluminized Steel	
	<b>Pretreatment</b>	None	
	<b>Film thickness</b>	3.0 – 4.0 mils	
	<b>Cure schedule</b>	15 minutes at 450°F	
	Actual film performance will depend on the individual circumstances in which the product is used.		
<b>Pre-treatment</b>	<p>Proper substrate cleaning is critical to the performance of <b>Interpon HT 350</b>. Pretreatment is not recommended for any <b>Interpon HT 350</b> coating that will see service temperatures above 600°F.</p> <p>Steel surfaces must be completely free of oil and grease, as well as scale and rust. Surface should have a water break free finish at minimum. For some applications, a grit blast may be adequate to increase adhesion.</p> <p>Aluminum and aluminum steel surfaces must be completely free of oil and grease, as well as scale. Surface should have a water break free finish at minimum. Pre-baking may be necessary to drive off release agents in some porous aluminum castings.</p>		

<b>Application</b>	<b>Interpon HT 350</b> powders can be applied by manual or automatic electrostatic spray equipment. It is recommended that for consistent application and appearance the product be fluidized during application. Unused powder can be reclaimed using suitable equipment and recycled through the coating system. For more detailed information please contact an AkzoNobel technical service representative.
<b>Additional Information</b>	<b>Interpon HT 350</b> powders are substrate sensitive and choice of substrate will effect heat resistance of the coating. Powder has been tested at recommended cure schedule, and deviation from that cure cycle may alter coating appearance and performance.
<b>Key Product Attributes</b>	
<b>Safety Precautions</b>	Please consult the Safety Datasheet (SDS).
<b>Disclaimer</b>	<p><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.</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>

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