AkzoNobel Powder Coatings
3 Commerce Drive
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Product Data Sheet

AkzoNobel Powder Coatings

Interpon 600
JG001QF (Formerly 30-4021)
SODA RED

Product Description	**Interpon 600** is a range of TGIC powder coatings designed for exterior exposure and offers excellent light and weather resistance from a single coat finish on a variety of substrates. **Interpon 600** powders are available in a wide range of colors in gloss, satin, matte, and texture effect finishes and can be custom matched to customer specifications.		
Powder Properties	**Chemical type**	Polyester TGIC	
	Appearance	Smooth	
	Gloss level (Gardner 60°)	≥ 90	
	Recommended Film thickness	1.8 – 2.2	
	Specific gravity	1.34+/-0.05 g/cm³	
	Coverage @ 1.0 mil	144 sq.ft/lb/mil	
	Storage	Maximum 80°F	
	Shelf life	12 months, typical	
	Curing schedule (at object temperature)	15 minutes at 400°F	
Mechanical Tests	**Flexibility**	ASTM D522	1/8” mandrel
	Adhesion	ASTM D3359	100%
	Impact resistance (Direct)	ASTM 2794	40 or better
	Hardness	ASTM3363	H minimum
Environmental and Durability Tests	**Neutral Salt Spray**	ASTM B117	<1/16” creep, no blisters, at 500 hrs
	Humidity	ASTM D2247	No Change at 1000 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	
	Pretreatment	Iron Phosphate (B1000)	
	Film thickness	2.0 – 3.0 mils	
	Cure schedule	15 minutes at 375°F	
	Actual film performance will depend on the individiual circumstances in which the product is used.		
Pre-treatment	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 600** . Iron phosphate and zinc phosphate of ferrous metals improve corrosion resistance. Aluminum substrate may require a conversion coating.		
Application	**Interpon 600** powders can be applied by manual or automatic electronic 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.		

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Additional Information	**Interpon 600** powders have no chalking and slight gloss loss after 12 months of South Florida exposure but no film breakdown or reduction in protective properties.
Key Product Attributes	
Safety Precautions	Please consult the Safety Datasheet (SDS).
Disclaimer	**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. 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. Brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel

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

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