

Product Data Sheet

AkzoNobel Powder Coatings

Interpon A4741 QZ100Q Low Gloss Clear

Product Description	The line of Interpon A4741 polyester clearcoats (TGIC) stands ready with excellent appearance and performance. Together they are perfectly balanced to provide long lasting protection from chipping, scratching, wheel cleaners and corrosive road environments. Interpon A4741 clears have more than 20 years of commercial success that make them the topcoat of choice for aluminum wheels.		
Powder Properties	Chemical type	Polyester (TGIC)	
	Appearance	Smooth, low gloss	
	Gloss level (60°)	50 – 60 GU, over black surface	
	Recommended Film thickness	2.0 – 3.0 mils	
	Specific gravity	1.20 ± 0.05 g/cm ³	
	Coverage @ 1.0 mil	160.2 sq. ft/lb./mil	
	Storage	≤70°F / 21°C maximum	
	Shelf life	6 months from production date	
	Curing schedule (at object temperature)	10 minutes at 400°F 15 minutes at 375°F 45 minutes at 325°F	
Mechanical Tests	Flexibility	ASTM D522	1/8” mandrel
	Adhesion	ASTM D3359	100%
	Impact resistance (Direct)	ASTM D2794	80 in.-lbs.
	Hardness	ASTM D3363	H-2H
Environmental and Durability Tests	Neutral Salt Spray	ASTM B117	<3 mm creep, no blisters, at 1000 hrs.
	Humidity	ASTM D1735	No blistering or loss of adhesion at 240 hrs.
	Exterior Durability	SAE J1976	>80% gloss retention at 2 yrs. Florida exposure
Test Conditions	Testing has been determined under laboratory conditions using the following application properties and is for guidance only.		
	Substrate	Aluminum	
	Pretreatment	Chrome conversion or non-chrome	
	Film thickness	2.0 – 3.0 mils	
	Cure schedule	20 minutes at 375°F	
	Actual film performance will depend on the individual 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 A4741 . Iron phosphate and zinc phosphate of ferrous metals improve corrosion resistance. Aluminum substrate requires a chromate or chromate-free conversion coating.		

Application	Interpon A4741 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. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.
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Additional Information

Safety Precautions	Please consult the Safety Datasheet (SDS).
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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>
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Product Name: **QZ100Q**
Last Revision Date: **01/26/2021**
Revision Number: **3**
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