

Product Data Sheet

AkzoNobel Powder Coatings

Interpon A4741 JZ001Q (formerly 156C105-A) Clear

Product Description	The line of Interpon A4741 polyester clearcoats (TGIC) stand 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	
	Gloss level (60°)	>90 GU over black	
	Recommended Film thickness (mils)	1.8 – 2.3	
	Specific gravity (g/cm³)	1.22 ± 0.05	
	Coverage (ft²/lb/mil)	158	
	Storage	Maximum 80°F	
	Shelf life	6 months from production date	
Mechanical Tests	Curing schedule (at object temperature)	18 minutes at 375° F 10 minutes at 410°F	
	Flexibility	ASTM D522	1/8" mandrel
	Adhesion	ASTM D3359	100%
	Impact resistance (Direct)	ASTM D2794	80 in-lbs
Environmental and Durability Tests	Hardness	ASTM D3363	H
	Neutral Salt Spray	ASTM B117	<1/16" creep, no blisters, at 500 hrs
	Humidity	ASTM D2247	No Change at 1000 hours
Test Conditions	Exterior Durability	Yes	
	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 – 4.0 mils	
Pre-treatment	Cure schedule	20 minutes at 350°F	
	Actual film performance will depend on the individual circumstances in which the product is used.		
Application	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 parts require a chromate or chromate-free conversion pre-treatment.		
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.

Additional Information

156C105-A holds the following Automotive OEM approvals:

General Motors
9985586

Ford Motor
ESA-M2P109-A

Chrysler
MS-PA6-7

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.

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Author: **D.Fraccica**