

# Interpon Autobody

<b>Product Description:</b>	<b>Interpon Autobody</b> is a range of durable polyester coatings designed for automotive components. For the performance of individual coatings please refer to the specific data sheet.		
<b>Powder Properties:</b>	<b>Colour</b>	Normally black or grey matched to OEM colour standard	
	<b>Gloss</b>	ASTM D523: Normally in range 15-30% (@ 60° angle) matched to OEM standard	
	<b>Particle size</b>	Suitable for electrostatic application	
	<b>Specific gravity</b>	1.3 to 1.6 g/cm <sup>3</sup>	
	<b>Storage</b>	Dry cool conditions below 25°C	
	<b>Stoving schedule</b> (object temperature)	refer to specific product data sheet	
<b>Test Conditions:</b>	The results shown below are based on mechanical and chemical tests which (unless otherwise indicated) have been carried out under laboratory conditions and are given for guidance only. Actual product performance will depend upon the circumstances under which the product is used.		
	<b>Substrate</b>	0.8 mm steel	
	<b>Pretreatment</b>	Phosphate	
	<b>Film Thickness</b>	60-70 microns	
<b>Mechanical Tests:</b>	<b>Adhesion</b>	DIN 53151	Gt 0
	<b>Cupping Test</b>	ISO 1520	> 6mm
	<b>Impact</b>	ASTM D2794	100 Kg.cm forward or reverse
	<b>Stone Chip</b>	SAE J400@ -18°C	Rating 4B
	<b>Tukon Hardness</b>	D1474	>15 KHN
<b>Chemical and Tests:</b>	<b>Neutral Salt Spray</b>	ASTM B117 480 hours immersion	No blistering, loss of adhesion, < 3mm corrosion creep from scribe
	<b>Water Resistance</b>	FLTM BI 104-01 240 hours immersion	No blistering, loss of adhesion, softening or colour change
<b>Weathering Tests:</b>	<b>Xenon Arc</b>	SAE J1960	≥ 400kj m <sup>-2</sup> to 50% gloss retention
<b>Chemical Resistance:</b>	<b>Fuel Resistance</b>	GME 60 265-B	No visual change
	<b>Engine oil</b>	GME	No visual change Generally good resistance to acids, alkalis and oils at normal temperatures
<b>Specification Compliance</b>	<b>Interpon Autobody</b> meets the requirements of several European OEM Specifications. Contact Akzo Nobel for specific details of individual coatings		

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**Pretreatment:** For more information regarding specific substrates and applications for **Interpon Autobody** – contact Akzo Nobel.

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**Application:** **Interpon Autobody** – can be applied by manual or automatic electrostatic spray equipment. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.

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**Safety Precautions:** When using do not eat, drink or smoke. Do not breathe the dust. In case of insufficient ventilation wear suitable respiratory equipment. For further information please refer to the specific product Material Safety Data Sheet (MSDS).

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**Disclaimer:** The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this 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. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.