

Product Datasheet



BU Powder Coatings

Interpon HT

AkzoNobel
Tomorrow's Answers Today

Product Description	Interpon HT is a series of high surface hardness heat resistant powders specifically formulated for use on cooking utensils, stoves, radiators and domestic appliances. Interpon HT is available in a range of colours and gloss levels		
Powder Properties	Chemical type	Various	
	Particle Size	Suitable for spray application	
	Gloss	ISO2813-1978 (E) 60% to 95%	
	Specific gravity	1.2 – 1.7 g/cm ³ depending on colour	
	Storage	Dry cool conditions below 25°C	
	Shelf life	12 months	
	Stoving schedule (object temperature)	15 minutes at 210°C	
Test Conditions	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.		
	Substrate	Mechanical tests: 0.6mm degreased steel Chemical tests: 0.6mm Zinc phosphated steel	
	Film Thickness	60±5 microns	
	Stoving	15 minutes at 210°C (object temperature)	
Mechanical Tests	Adhesion	ISO2409-1972 (E)	Gt 0 >95%
	Ericksen Cupping	ISO1520/73	(mm) ≥6
	Hardness	ASTM D3363/74	3H to 5H
	Impact	ISO/TR6272	(kg/cm) ≥30
	Flexibility	ISO1519/73 (E)	Pass 3/16"
Chemical Tests	Salt Spray	UNI5687/73 (500 hours)	With creepage from scribe <3mm
	Constant Humidity	UNI8744 (1000 hours)	Without blistering
Heat Resistance		500 hours @ 120°C	ΔE = 0.6
		100 hours @ 160°C	ΔE = 1.1
		12 hours @ 190°C	ΔE = 1.4

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Pretreatment For more information regarding specific substrates and applications for **Interpon HT** contact AkzoNobel.

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

Safety Precautions Please consult the Material Safety Datasheet (MSDS)

FOR PROFESSIONAL USE ONLY

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 fulfill 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 advice 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.

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