

Product Data Sheet

AkzoNobel Powder Coatings

Interpon PF

Product Description

Interpon PF is a range of post formable powder coatings developed for applications which require a high degree of coating flexibility. The excellent detergent, stain and corrosion resistance of these products mean that they are suitable for domestic appliance applications. Interpon PF is available in a range of chemistries, colours and gloss levels.

Powder Properties

Chemical type	Available in a range of chemistries
Particle Size	Suitable for electrostatic application
Specific gravity	1.47±0.05 g/cm ³
Storage	Dry cool conditions below 25°C
Shelf life	12 months
Stoving schedule (object temperature)	For individual products please refer to the specific Product Data Sheet

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	0.8mm, 1.0mm steel
Pretreatment	Lightweight Zinc Phosphate
Film Thickness	50 microns (2 mils)

Mechanical Tests

Adhesion (1mm Crosshatch)	ISO2409	Gt 0
Erichsen Cupping	ISO1520	8mm
Impact (direct/indirect)	BS3900-E3	200kgcm
Conical Mandrel	BS3900-E11	3mm
T-bend Flexibility For the performance of individual products please refer to the specific Product Data Sheet		0 to 2 T-bend at 20°C(68°F) after ageing
Scratch Hardness (2000g)	ISO1518	Pass - no penetration to substrate
Pencil Hardness		H

Chemical and Durability Tests

Salt Spray (500 hours)	ISO7253	No corrosion creep more than 2mm from scribe. No removal of film on tape-pull test. No Blistering
Cyclic Humidity (1000 hours)	ISO6270-1	No corrosion creep more than 2mm from scribe. No removal of film on tape-pull test. No Blistering
Stain Resistance (24 hours at 20°C/60°F)	Tomato ketchup, English mustard, Lipstick, shoe wax, Household cleaners (Ammonia containing) and Lemon juice - All failed to stain or soften the coating.	

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Pretreatment	For more information regarding specific substrates and applications for Interpon PF contact AkzoNobel.
Application	Interpon PF 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).
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 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.</p> <p>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.</p> <p>Brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel</p>

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Interpon PF - Issue 4
Issued: 01.12.2014 Revision Date: 01.12.2014

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