

Powder Coating Technical Data Sheet

Date of first Issue: 09.02.2010
Revision date: 15.05.2012

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Product range	Interpon 100			
Product name	AN8642			
Product Description	RAL 9004, Signal Black, Smooth, Matt			
Powder Properties	Chemical type	Epoxy		
	Area of usage	General Industrial, for interior use		
	Particle size distribution	Custom manufactured		
	Density (g/cm³)	1,23 ± 0,15		
	Stoving schedule	17 min / 180 °C [Time at Object Temperature]		
	Application	Electrostatic (Corona) + Electrokinetic (Tribo)		
	Storage stability	Under dry, cool (< 30°C) conditions, at least 24 months from delivery date.		
	Safety Datasheet	PC450 (Ep-PM)		
Coating Properties (Product Specification)	Tests conditions	Test panel	Steel, thickness 0,6 ± 0,1 mm	
		Pre-treatment	Degreasing	
		Film thickness	60 - 90 µm	ČSN EN ISO 2808
	Glos (60°)	0 - 15	TP 101	(ČSN ISO 2813)
Mechanical Tests:	Adhesion (crosshatch)	GT 0	TP 96	(ČSN ISO 2409)
	Erichsen cupping	min. 3 mm	TP 98	(ČSN EN ISO 1520)
	Impact resistance	min. 10 cm	TP 100	(ČSN 67 3082)
	Cylindrical flexibility	max. 8 mm	TP 99	(ČSN ISO 1519)
Corrosion Tests	Salt Spray Test	240 h / Corrosion creep < 2 mm from scribe	ČSN EN ISO 9227	
	Humidity Test	1000 h / No blistering or loss of gloss	ČSN EN ISO 6270-1	
Chemical Durability	Generally good durability to most of common dilute acids, alkalis and oils at normal temperature.			
Safety Precautions	This product is intended for use only by professional applicators in industrial environments and should not be used without reference to the relevant health and safety data sheet which Akzo Nobel has provided to its customers.			
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. 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.			