Product Datasheet



BU Powder Coatings Interpon 600 Auto Clear Code: JZ004N

Product Description:

Interpon 600 Auto Clear is a clear finish powder coating suitable for exterior application offering good color, light and heat stability. When applied with right equipments and expertise, this powder provides excellent flow and finish effect for aesthetic appeal as well as coverage. This powder is compliant to ROHS directive 2011/65/EU

		Result	Method
Powder Properties:	Colour	Clear	
•	Gloss(60° ahead)	>95 %	ASTM D523-89
	Specific Gravity	1.2-1.4 g/cm ³	Theoretical
	Particle size		Suitable for electrostatic spray
	Storage		Keep in dry & cool conditions,
	5		away from direct sunlight
	Shelf life		12 Months when stored in sealed carton as per above conditions
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.		
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Chemical Test :	Substrate	Mild Steel	
	Pre-treatment	Zinc Phosphate	
	Film Thickness	50-70 microns	ASTM D 1186-93
	Stoving	15 minutes at 180°C (EMT)	
	Adhesion	GT=0	ASTM D 3359 -97
	Scratch Hardness	2.0 Kg	ASTM D 1474-92
	Flexibility (Conical Mandrel)	6 mm	ASTM D522 –93A
	Erichsen cupping	6 mm	ASTM 643-84
	Impact(Direct & Indirect)	100 Kg cm	ASTM D2794
	Salt Spray	<3mm corrosion creep from Scribe After 500 hrs exposure in SST Cabinet	ASTM B-117
	Humidity Chamber	No blistering, No colour change After 500hrs exposure in Humidity cabinet	ASTM D2247
	QUV – A (340NM)	Passes 500hrs (>=80% gloss retention on Polishing)	ASTM G154
Pre-treatment:	For more information regarding specific substrates and applications for Interpon 600 Auto Clear contact AkzoNobel		
Application:	Interpon 600 Auto Clear 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:	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 – PC082).		

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Issued: February 2015