Product Data Sheet

AkzoNobel Powder Coatings

Interpon A5260
ML131D

Product Description	Interpon A5260 powder has an excellent line of coatings for truck components and answer to the requested performance level specified by the OEMs. **Interpon A5260** is specifically designed for pressure tanks and exhibits good weathering resistance, good flow and degassing properties with eminent application efficiencies. They offer excellent corrosion protection, chemical resistance and are protective against chipping, hardened against scratches, but flexible enough to handle always changing environmental cycles.	
Powder Properties	**Chemical type**	Polyester	
	Area of usage	Pressure tanks for trucks and buses	
	Appearance	Smooth	
	Gloss level (60°)	65 ± 5 GU	
	Colour	MB7-350 Novagrey	
	Recommended Film Thickness (µm)	60 - 80 µm	
	Density (g/cm³)	1.37 ± 0.05	
	Application	Tribo- or electrostatic	
	Storage	Under dry, cool (≤ 25°C) conditions	
	Shelf life	At least 24 month from production date	
	Curing schedule (at object temperature)	10 minutes at 200°C	
Mechanical Tests	**Adhesion**	DIN EN ISO 2409	Gt0A
	Erichsen cupping	DIN EN ISO 1520	≥ 6 mm
	Impact resistance	ASTM D 2794	≥ 20 ip (reverse)
Environmental and Durability Tests	**Neutral Salt Spray**	DIN EN ISO 9227	240 h corrosion creep < 2 mm from scribe
	Humidity	DIN EN ISO 6270-2	240 h no blistering or loss of gloss
	Artificial Testing	QUV-B	200 h > 50% gloss retention
Test Conditions	Testing has been determined under laboratory conditions using the following application properties and is for guidance only.		
	Substrate	Steel panels, Aluminum	
	Pretreatment	Bonder (LH) iron phosphate, Bonder (722/W/OF) yellow chromate	
	Film thickness	70 µm	
	Cure schedule	10 minutes at 200°C	
	Actual film performance will depend on the individiual circumstances in which the product is used.		

Pre-treatment	Steel surfaces to be coated must be clean and free from grease. For maximum protection it is essential to pre-treat components prior to the application of **Interpon A5260**. Iron Phosphate and Zinc Phosphate of ferrous metals improve corrosion resistance. Aluminium parts require a chromate or chromate-free conversion pre-treatment.
Application	**Interpon A5260** powders can be applied by manual or automatic electrostatic spray equipment. It is recommended that for consistent application and appearance product be fluidized during application. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.
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	**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 fulfil 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.

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