

Product Data Sheet

AkzoNobel Powder Coatings

Interpon A2205 YN312E

Product Description	Interpon A2205 offer enhanced exterior durability while our textured low gloss products provide a uniform finish that is both rugged and refined. Interpon A2205 powders are super-durable (> two years Florida) and answer to the requested performance level specified by the OEMs.		
Powder Properties	Chemical type	Polyester super durable	
	Area of usage	Automotive trim parts	
	Appearance	Fine texture	
	Gloss level	Visually matched to standard	
	Colour	Volvo Black	
	Recommended Film Thickness (µm)	50 - 60 µm	
	Density (g/cm³)	1,60 ± 0,05	
	Application	Electrostatic	
	Storage	Under dry, cool (< 25°C) conditions	
	Shelf life	At least 24 months from production	
	Curing schedule (at object temperature)	10 minutes at 200°C	
Mechanical Tests	Chip Resistance	SAE J400	Rating 4B
Environmental and Durability Tests	Neutral Salt Spray	ASTM B-117	480 h corrosion creep < 2 mm from scribe, no blistering
	Natural Testing	Florida Exposure	> 50% gloss retention after 24 months
Test Conditions	Testing has been determined under laboratory conditions using the following application properties and is for guidance only.		
	Substrate	Aluminium	
	Pretreatment	Bonder (722/W/OF)	
	Film thickness	60 µm	
	Cure schedule	10 minutes at 200°C	
	Actual film performance will depend on the individual 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 A2205 . Iron Phosphate and Zinc Phosphate of ferrous metals improve corrosion resistance. Aluminium parts require a chromate or chromate-free conversion pre-treatment.		
Application	Interpon A2205 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.		

Comments	Finished gloss dependent on oven bake schedule. Gloss level influenced by oven configuration. Contact Akzo Nobel for specific guidance.
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<http://www.interpon.com/contact-us/>

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