

Product Data Sheet

AkzoNobel Powder Coatings

Interpon A2201 YN202D

Product Description	<p>Interpon A2201 powders can be used for pillars and appliquéés, roof racks, grille guards, bumpers, hitches, mirror housings, and wiper arms all require protection from the environment as well as being visually harmonious with the overall design of a vehicle. Interpon A2201 powders are super durable (> two years Florida) and answer to the requested performance level specified by the OEMs.</p>		
Powder Properties	Chemical type	Polyester Super-durable	
	Area of usage	Automotive trim parts	
	Particle Size Distribution	Custom manufactured	
	Appearance	Smooth, matt	
	Colour	Audi L-01P9	
	Gloss	13 ± 2 units [60°<]	
	Density (g/cm³)	1,40 ± 0,05	
	Stoving schedule	15'/200°C [time at object temperature]	
	Application	electrostatic	
	Storage Stability	Under dry, cool (<25°C) conditions, at least 24 months from production date	
Comments	<p>YN202D is a low gloss black, thermosetting powder coating, exhibiting very good weathering performance and corrosion protection when applied over properly prepared metal substrate. This coating has average to good flexibility, but is not recommended for applications where severe post-forming is required. YN202D is designed for application on automotive exterior trim parts. Other features include excellent flow and leveling, good film coverage and gloss uniformity.</p>		
Test Conditions	<p>All Tests Performed on Phosphated Steel Panels (Bonder WH/60/OC) and Chromated Aluminum Panels (Bonder 722/W/OF) at 70 µm.</p>		
Mechanical Tests	Adhesion	DIN EN ISO 2409	Gt 0A
	Erichsen Cupping	DIN EN ISO 1520	> 4 mm
	Impact	ASTM D 2794	> 10 ip (reverse)
Corrosion Tests	Salt Spray	DIN EN ISO 9227	240 h corrosion creep < 2 mm from scribe
	Humidity Test	DIN EN ISO 6270-2	240 h no blistering or loss of gloss
Exterior Durability	Artificial Testing	Xenon Arc > 50% gloss retention after 2.000 h	
	Natural Testing	Florida > 50% gloss retention after 24 months	
Safety Precautions	<p>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.</p>		

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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 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. 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.

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