

Product Data Sheet

AkzoNobel Powder Coatings

Interpon A4740 CZ010QF / 90-60-0005-6A

Product Description

Interpon A4740 acrylic clearcoat is the OEM standard in the aluminum wheel market. With outstanding application consistency and film performance (approved by all major OEMs) **Interpon A4740** clearcoats are the first choice for wheel makers around the world. **Interpon A4740** acrylic clears combine Class A elegance and OEM specified durability in a super smooth finish with crystal clear transparency.

Powder Properties

Chemistry	GMA Acrylic
Area of usage	Wheels clearcoat
Particle size	Custom manufactured
Appearance	Smooth, glossy
Gloss (60°)	120 GU
Density (g/cm³)	1.20 ± 0.05
Coverage at 1.0 mil	160 sq.ft./lb./mil
Storage conditions	≤ 70°F / 21°C maximum
Shelf life	6 months from production date
Cure schedule	20 minutes at 347°F (time at object temperature)

Test Conditions

The results 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.

Substrate	Aluminum
Pretreatment	Chrome conversion, or non-chrome
Film Thickness	2.8 – 3.6 mils
Cure Schedule	20 min at 347°F

Mechanical Tests

Adhesion	ASTM D3359	100%
Hardness	ASTM D3363	H-2H
Impact (direct)	ASTM D2794	20-160 inch-lbs
Impact (reverse)	ASTM D2794	20-160 inch-lbs
Flexibility	ASTM D522	1/8" mandrel

Exterior Durability

Artificial Testing	3000hrs Xenon Arc (>90% gloss retention)
Artificial Testing	QUV-B test (313 nm) > 50% gloss retention after 2500h
Natural Testing	36 month (>90% gloss retention)

OEM Approvals

Ford Motors	WSS-M2P-122-C1
BMW	PS05060

Pre-treatment

Aluminum substrate must be clean and free from grease. For maximum protection, it is essential to pre-treat components prior to the application of **Interpon A4740**. OEM aluminum wheels, require a chromate or non-chromate conversion coating prior to application of **Interpon A4740** coatings.

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Application

Interpon A4740 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 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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