

Rev. 7
 Issued on: 29-09-2015
 Supercedes: rev.8
 of 25-07-2015

Product specification Magnum Hot-Dog

Product name	Shrinkable casing Magnum Hot-Dog	
Producer	Podanfol S.A.	
Supplier	Podanfol S.A.	
Composition	Polyamides, coloring concentrates, functional additives	
Marking	02-02	
Application	Hot-Dog stuffing. Admitted to contact with food *. *) Casing itself is inedible.	
Color	As per color reference sampler	
Technical information	Shrinkable Magnum Hot-Dog casing is mono-layer oriented casing produced in extrusion process. Caliber range: 19, 21, 23, 26, 32 mm	
	<i>Temperature range by thermal processing</i>	By thermal processing do not exceed temperature 90°C.* *) Cooking time should not exceed 5 hrs
	<i>Width</i>	+/- 2 mm on total width.* *) on 99% of casing length
	<i>Shrinkage (hot water 77°C)</i>	Above 4 % in both directions.* *) after prior soaking in cold water for about 30min.
	<i>Thickness</i>	18 - 25 microns - depending on caliber.* *) applies for 97% of lateral casing surface
	<i>Over-stuffing</i>	Ready for stuffing casings overfill up to 9% above nominal caliber nominalnego.* *) Over-stuffing must be determined by tests done in customer's site.

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<p>Barrier properties</p>	<table border="1"> <tr> <td data-bbox="639 483 906 645"> <p>Moisture vapour Transmission Rate</p> </td> <td data-bbox="906 483 1173 645"> <p>g/m²x24h 38°C 90% RH ASTM F-1249</p> </td> <td data-bbox="1173 483 1455 645"> <p>168,55</p> </td> </tr> <tr> <td data-bbox="639 645 906 860"> <p>O₂ Transmission rate</p> </td> <td data-bbox="906 645 1173 860"> <p>cm³/m² x 24h 20°C i 50% RH, 0.1MPa ASTM D 3985</p> </td> <td data-bbox="1173 645 1455 860"> <p>18,00</p> </td> </tr> </table>	<p>Moisture vapour Transmission Rate</p>	<p>g/m²x24h 38°C 90% RH ASTM F-1249</p>	<p>168,55</p>	<p>O₂ Transmission rate</p>	<p>cm³/m² x 24h 20°C i 50% RH, 0.1MPa ASTM D 3985</p>	<p>18,00</p>
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<p>Packing, preparation for production and storage</p>	<p>Follow instruction: „Net-less shirring service specification “.</p>						
<p>Product Application Sheet</p>	<p>As casings applications may differ with slight but vital details, which may influence the casing behaviour, every new application must be tested during trials run at the customer’s site and all relevant results of such tests should be described in Product Application Sheet (PAS). In case of possible claims, the filled-in PAS will be used as reference during claim resolving process.</p>						

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Legal regulations

The product is in compliance with the rules of the Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union no. L 338/4 of 13.11.2004, modified by app. No. 5.17 of the regulation (EC) no. 596/2009 of 18 June 2009, Official Journal of the European Union no. L 188 of 18 July 2009, article 3. Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and animal Feed Code – LFGB in the version of the notification of 24 July 2009 (BGBl. I p. 2205), last amendment by article 1 of the law of 3 August 0009 (BGBl. I p. 2630) §§ 30 and 31, and is approved according to the Commission Regulation (EC) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food replacing Directive 2002/72/EC. Only monomers and additives used to manufacture this grade are listed in Commission Regulation (EU) No 10/2011 of January 2011 on plastic materials and articles intended to come into contact with food. The film complies with the migration and other requirements of EC Regulation 1935/2004 (the "Framework Directive"). Printing inks (UV System) comply with Commission Directives 2002/72 EC with its later supplements and 94/36, 94/62 EC. Applied printing system conform EuPIA Guideline on Printing Inks applied to non-food contact surface of the packaging materials and articles, May 2008. Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch I (April, 2009 edition), § 177.1395 The polyamide grades employed in the manufacture are approved according to the: Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I (April 1, 2009 edition), § 177.1500.

Disclaimer

Our technical advice - whether verbal in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from obligation to test products supplied by us as to their suitability for the intended process and uses. The application, use and processing of the products are beyond our control and therefore, entirely your own responsibility. Additionally we refer to our General Conditions of Sales.