

**Product identification data:**                      **Foil and bags made of the material:**  
**Ecovac – Folie 80µm**

<b>Use and application</b>	lidding and thermoforming film, vacuum pouch film																																						
<b>Structure</b>	Co-extrusion mixed polyolefin compound - 11 layer structure																																						
<b>Legal Requirements</b>	<p>We confirm that above-mentioned film meet the following legal requirements in the relevant versions valid at the point in time at which this declaration was issued:</p> <ul style="list-style-type: none"> <li>• Regulation (EC) No. 1935/2004</li> <li>• Regulation (EU) No. 10/2011, including subsequent amendments</li> <li>• Regulation (EC) No. 2023/2006 (GMP) ( including the amending Directive Regulation (EC) No. 282/2008)</li> <li>• German Food and Feed Code (LFGB) of 01.09.2005</li> <li>• German Consumer Goods Ordinance</li> <li>• BfR – Instructions of Federal Institute for Risk Assessment</li> <li>• Directive 94/62/EC, most recently amended by Directive 2005/20/EC (concentration of heavy metals &lt;100ppm)</li> <li>• Packaging law</li> </ul>																																						
<b>Types off foodstuffs that are permitted to come into contact with the films</b>	<ul style="list-style-type: none"> <li>• All types off foods</li> </ul>																																						
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<b>Storage and shelf life of that films without contact with the contents</b>	<p>maximum shelf life until processing under the following conditions:</p> <ul style="list-style-type: none"> <li>• store in original packaging, dust-free, cool and dry environment protected against UV radiation</li> </ul> <table border="1"> <tbody> <tr> <td>Temperature</td> <td>18-25°C</td> </tr> <tr> <td>relative Humidity</td> <td>40-60%</td> </tr> <tr> <td>Shelf life</td> <td>12 month</td> </tr> </tbody> </table>				Temperature	18-25°C	relative Humidity	40-60%	Shelf life	12 month																													
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<b>Duration and temperature of treatment and storage with contact with the foodstuff</b>	<ul style="list-style-type: none"> <li>• pasteurization for 2H at 90°C</li> <li>• The composite film can be frozen down to -25°C</li> <li>• Any long term storage at room temperature or below</li> <li>• Suitable for gamma rays &lt;25kGy and EO sterilisation</li> </ul>																																						
<b>Overall Migration</b>	<p>Conformity was ascertained by:</p> <ul style="list-style-type: none"> <li>• Migration analysis</li> <li>• Worst-case-calculations</li> <li>• Confirmations of the suppliers</li> </ul> <p>Herewith we confirm the compliance with the values of the overall migration (OML) and specific migration limits (SML) which are expresses in the following list. These values are specified in mg/kg using a ratio of surface to volume of 6 dm<sup>2</sup>/kg foodstuff.</p>																																						
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<b>NIAS (Not intentional added substances)</b>	<p>NIAS are non-intentionally substances that are added in the manufacture and marketing of materials and articles made of plastic. These are intended to come into contact with foods, such as contamination in the substances used, disintegration or reaction products that have formed during production or reaction interim products.</p> <p>Whether the non-intentionally added substances correspond to Section 3 of the Regulation (EC) No. 1935/2004 or not must be assessed in accordance to the internationally recognized scientific principles via risk assessment (see Section 19 of Regulation (EU) No. 10/2011)</p> <p>The NIAS screening was performed by gas chromatography and flame ionization detector (GC-FID) according to the internal standard.</p> <p>After toxicological evaluation the measured values of these substances complies with the requirements of the regulation (EU) No. 10/2011.</p>																																								
<b>Contents</b>	<p>Phthalats, adipates, bisphenol A, bisphenol S, phosphates or polyester are neither used by us nor by our suppliers in their supplied products.</p> <p>All our films complies with Annex I of 10/2011 EC regarding Table 1 of authorized substances and their listed SML.</p> <p>All our films comply with Annex II of 10/2011 EC regarding the SML for metals and primary amines.</p> <p>Only small amounts of powder will be used in the production process. It is free from GMO and gluten.</p>																																								

<b>REACH</b>	Our MPOX films do not contain any substances of very high concern (SVHC list / ECHA) in a concentration above 0,1% (w/w) according to art. 57 of Regulation (EC) No. 1907/2006.
<b>Hygiene</b>	We are certified to the BRC global packaging standard
<b>Sensory</b>	Films are produced in compliance with GMP regulation (EC) No. 2023/2006 article 3, letter a and meet the requirements of Regulation (EU) No. 10/2011 and the regulation (EC) No. 1935/2004 article 3, letter c and is therefore suitable under the mentioned conditions, to come in contact with food. Based on these regulations, it is up to the user to check the technical and sensory suitability for a specific purpose.
<b>Recycling</b>	MPOX films are recyclable according to European Parliament and Council Directive 94/62/EC. The Recyclability for the film is 87%
<b>Microbiology</b>	Microbiological status was ascertained by microbiological analysis. All measured values of yeasts, molds, enterobacteria and germs are below the detection limits (<3KbE/100 cm <sup>2</sup> )
<b>Allergens / Genetically Modified Organisms (GMO)</b>	We hereby confirm the absence of any allergenic substances listed in regulation (EU) No. 1169/2011 Annex II and GMO's Which are neither used by us nor by our suppliers in their supplied documents
<b>Heavy metal</b>	The films are in compliance and fulfill the heavy metal directive 94/62/EC (amendments 2004/12/EC and 2005/20/EC included):
<b>FDA</b>	We hereby confirm – based on the information provided by the raw materials suppliers – that for the above mentioned MPOX-Films the ingredients of the specification and their composition are in compliance with the approval of the United States Food and Drug Administration (US FDA): FDA 21 CFR §174.5, §175.105, §177.1520, §177.1350, §178.3297 and §178.3400 as valid at the date of issue of this certificate.
<b>Nanomaterials</b>	For the production of MPOX-Films no nanotechnology is used which means that the supplied products don't contain any nano-scaled particles (<300nm)
<b>MOSH / MOAH</b>	The existence of MOSH / MOAH can be excluded for MPOX-Films because they are neither printed nor recycled.  The layer structure of the MPOX-Film consist of various PE/PP layers. Together with an additional EVOH high barrier layer the structure of our film forms an effective barrier layer ensures a high quality and long-lasting freshness of the packaged food. By our GMP manufacturing practice we make sure no mineral oil residues can occur within our process sequences.  We hereby confirm that the films are very suitable for direct contact with foodstuffs of all kinds. The results of our in regular intervals carried out migration analysis confirm this fact.
<b>Traceability</b>	The traceability of our products (Regulation(EC) No. 1935/2004) can be guaranteed by our order / Charge number.

This description applies to the product supplied by us, as described. According to this, the product, by meeting the stated foodstuff contact conditions, fulfils the requirements of this directive for the packaging of the stated contents.

The verification of the suitability of the films for the particular application lies in the responsibility of the customers and the distributor.

Bema GmbH,  
i.A Silke Broekmanns