



**1. Product supplier / producer:**

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**2. Raw material supplier:**

Certified EU producers

**3. Date of declaration: 15-05-2024**

Declaration is valid starting from the above issue date and would be modified in the case of significant modification in products formula structure or in the case of legislation amendments.

**4. Product: film or bags produced from BI oriented polypropylene (BOPP)**

**5. Regulation complies with:**

Packaging is made in accordance with GMP (Good Manufacturing Practice) and Regulation 2023/2006/EC “Good manufacturing practice for materials and articles intended to come into contact with food including up to date amendments.

- Packaging and materials complies with the EC Regulation 1935/ 2004 “Materials and articles intended to come into contact with food“.

- Raw materials in the finished product in accordance with provisions of the EU regulation (EC) 10/2011 and including up to date amendments.

- Heavy metals as cadmium, mercury, lead and chromium VI as such and their compounds are not used in the manufacturing of raw material of packaging. The sum of these heavy metals from possible contaminations is below 100 ppm in finished product and complies with EU Directive 94/62/EEC and up to date amendments on Packaging and packaging waste.

**6. Specific migration limit (SML)** The above listed film can contain some other substances for which a specific migration limit (SML) is established (assuming that 1 kg of food is packaged with 6 dm<sup>2</sup> of film):

| Ref. No/<br>Nr ref. | CAS No/Nr CAS | Substance Name/Nazwa substancji                                                                                                                                                             | SML [mg/kg]                                           |
|---------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 95360               | 0027676-62-6  | 1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione                                                                                                        | SML = 5                                               |
| 39815               | 0182121-12-6  | 9,9-bis(methoxymethyl)fluorene                                                                                                                                                              | SML = 0,05                                            |
| -                   | 0007429-90-5  | aluminium                                                                                                                                                                                   | SML = 1                                               |
| 34690               | 0011097-59-9  | aluminium magnesium carbonate hydroxide                                                                                                                                                     | -                                                     |
| 38820               | 0026741-53-7  | bis(2,4-di-tert-butylphenyl)pentaerythritol diphosphite                                                                                                                                     | SML = 0,6                                             |
| 55910               | 0736150-63-3  | glycerides, castor-oil mono-, hydrogenated, acetates                                                                                                                                        | SML (T) = 60 (expressed as the sum of the substances) |
| 20440               | 0000097-90-5  | methacrylic acid, diester with ethyleneglycol                                                                                                                                               | SML = 0,05                                            |
| 21130               | 0000080-62-6  | methacrylic acid, methyl ester                                                                                                                                                              | SML (T) = 6 (expressed as methacrylic acid)           |
| 39090               | -             | N,N-bis(2-hydroxyethyl)alkyl (C8-C18)amine                                                                                                                                                  | SML (T) = 1,2 (expressed as tertiary amine)           |
| 39120               | -             | N,N-bis(2-hydroxyethyl)alkyl (C8-C18)amine hydrochlorides                                                                                                                                   | SML (T) = 1,2 (expressed as tertiary amine)           |
| 68320               | 0002082-79-3  | octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate                                                                                                                                   | SML = 6                                               |
| 71680               | 0006683-19-8  | pentaerythritol tetrakis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate]                                                                                                                   | -                                                     |
| 74240               | 0031570-04-4  | phosphorous acid, tris(2,4-di-tert-butylphenyl)ester                                                                                                                                        | -                                                     |
| 83595               | 0119345-01-6  | reaction product of di-tert-butylphosphonite with biphenyl, obtained by condensation of 2,4-di-tert-butylphenol with Friedel Craft reaction product of phosphorous trichloride and biphenyl | SML = 18                                              |

**Dual use additives in laminate:** Regulation (EC) No. 10/2011. The above listed films can contain some dual use additives of flavourings which are subject to a restriction in food.

| Ref. No/Nr ref. | CAS No/Nr CAS | Substance Name/Nazwa substancji                    | E number/Numer E |
|-----------------|---------------|----------------------------------------------------|------------------|
| -               | 0007429-90-5  | aluminium                                          | E173             |
| 14680<br>44160  | 0000077-92-9  | citric acid                                        | E330             |
| -               | -             | magnesium salts of fatty acids                     | E470b            |
| -               | -             | mono- and diglycerides of fatty acids              | E471             |
| 86240           | 0007631-86-9  | silicon dioxide                                    | E551             |
| -               | -             | sodium, potassium and calcium salts of fatty acids | E470a            |

**7. Overall migration:** Regulations (EC) No. 1935/2004 and Regulation (EC) No. 10/2011. Monomers, additives and other starting substances are listed in the Annex I of the Regulation (EC) No. 10/2011. Migration tests, carried out following the Regulation (EC) No. 10/2011, confirm an Overall migration results below to 10 mg/dm<sup>2</sup>, as reported here below (Protocol No: 364396/19/TCH, Hamilton laboratorie):

| Food simulant/<br>Płyn modelowy                                                     | Acetic acid 3%/<br>3 % kwas octowy | Ethanol 10%/<br>10 % etanol | Olive oil /<br>oliwa z oliwek |
|-------------------------------------------------------------------------------------|------------------------------------|-----------------------------|-------------------------------|
| Overall migration (mg/dm <sup>2</sup> )/<br>Migracja globalna (mg/dm <sup>2</sup> ) | < 0,5                              | < 0,5                       | < 5,0                         |
| Conditions of testing/<br>Warunki badania                                           | 10 days, 60°C/10 dni, 60°C         |                             |                               |

**8. Conditions of use:** Can be used for packaging of all types of foodstuff. Can touch food its entire surface. The packer of the product must test the suitability of the BOPP for their individual use before the packaging process by imitating the products store conditions and validity.

The material complies with overall migration limits in test conditions said above that cover any long term storage (above 6 months) at room temperature and below including heating in temperature T (where  $70\text{ }^{\circ}\text{C} \leq T \leq 100\text{ }^{\circ}\text{C}$ ) and time t (where  $t = 120/2^{((T-70)/10)}$ )

### 9. Heavy Metals:

Directive 94/62/EC Art. 11: Concentration level of heavy metals present in packaging (updated with Directive 2005/20/EC). Lead, Cadmium, Mercury, Chrome Hexavalent are not intentionally added to the films. Films have total heavy metal content, due to incidental sum of concentration, lower than 100 ppm (Protocols No: 1964/2022, Labtech s.r.o. laboratorie):

| Metal/<br>Analit                     | Total chromium/<br>Chrom całkowity | Lead/<br>Ołów | Cadmium/<br>Kadm | Mercury/<br>Rtęć |
|--------------------------------------|------------------------------------|---------------|------------------|------------------|
| Content [mg/kg]/<br>Stężenie [mg/kg] | < 0,14                             | < 2,50        | < 0,25           | < 0,001          |

Regulation (EC) 10/2011 Annex II, materials and substances subject to restrictions. Heavy metal barium, cobalt, copper, iron, lithium, manganese, zinc is not intentionally added in the BOPP. The heavy metal content in BOPP does not exceed the standards set in Regulation (EC) 10/2011 Annex II (Protocols No: 16027/2022, Labtech s.r.o. laboratorie):

| Element/<br>Pierwiastek      | Unit/<br>Jednostka | Result/<br>Wynik | Limit/<br>Limit |
|------------------------------|--------------------|------------------|-----------------|
| Fe                           | mg/kg              | < 0,05           | 48              |
| Mn                           | mg/kg              | < 0,01           | 0,6             |
| Ba                           | mg/kg              | < 0,01           | 1               |
| Co                           | mg/kg              | < 0,001          | 0,05            |
| Cu                           | mg/kg              | < 0,005          | 5               |
| Li                           | mg/kg              | < 0,05           | 0,6             |
| Ni                           | mg/kg              | < 0,001          | 0,02            |
| Zn                           | mg/kg              | < 0,02           | 5               |
| Al.                          | mg/kg              | < 0,03           | 1               |
| As                           | mg/kg              | < 0,001          | 0,01            |
| Cd                           | mg/kg              | < 0,0001         | 0,002           |
| Cr total                     | mg/kg              | < 0,001          | 0,01            |
| Hg                           | mg/kg              | 0,0008           | 0,01            |
| Pb                           | mg/kg              | < 0,001          | 0,01            |
| Sb                           | mg/kg              | < 0,001          | 0,04            |
| Eu                           | mg/kg              | < 0,001          | 0,05            |
| La                           | mg/kg              | < 0,001          | 0,05            |
| Gd                           | mg/kg              | < 0,001          | 0,05            |
| Tb                           | mg/kg              | < 0,001          | 0,05            |
| Sum of Eu, La, Gd, Tb        | mg/kg              | < 0,001          | 0,05            |
| Ca                           | mg/kg              | 0,769            | -               |
| Mg                           | mg/kg              | < 0,05           | -               |
| Na                           | mg/kg              | 0,139            | -               |
| K                            | mg/kg              | 0,065            | -               |
| NH <sub>4</sub> <sup>+</sup> | mg/kg              | < 0,2            | -               |

## 10. Waste management:

|                                                                |               |     |                                                                                     |
|----------------------------------------------------------------|---------------|-----|-------------------------------------------------------------------------------------|
| Recommended package marking                                    |               |     |  |
| Reuse                                                          | EN 13429:2007 | No  |                                                                                     |
| Material recycling                                             | EN 13430:2007 | Yes |                                                                                     |
| Energy recovery                                                | EN 13431:2007 | Yes |                                                                                     |
| Composting and biodegradation                                  | EN 13432:2004 | No  |                                                                                     |
| Noxious and Hazardous Substances: attestation of minimization. |               |     |                                                                                     |

## 11. Storage recommendation:

Store covered, in a dry room with constant temperature. Avoid sudden temperature changes. Avoid direct sunlight. Cannot be stored near heating appliances.

Bopp must be kept in working environment  $+20 \pm 5^{\circ}\text{C}$  temperature and  $60 \pm 10\%$  relative air humidity for not less than 48 hours before use.

It is advised to rotate the inventory according to the delivery date (first in – first out).

## 12. Information:

**Bisphenol A:** According Regulation 10/2011 amendment 213/2018 (12/02/2018) and Regulation (EC) No 1907/2006 (REACH) Article 59(10) List of Substances of very high concern (SVHC) the substance 2,2-bis(4-hydroxyphenyl)propane (CAS 0000080-05-7), commonly known as bisphenol A (BPA) are banned from food contact packaging. Based on the information received from our suppliers and the data collected concerning the risk assessment on our products, there was not found Bisphenol A in quantities which could: endanger human health, do unacceptable change in the composition of the food, do a deterioration in the organoleptic characteristics as required by Regulation (EC) 1935/2004 and Regulation (EU) 10/2011.

**BADGE, BFDGE AND NOGE:** Regulation 1895/2005/EC. The following substances: BADGE, BFDGE, NOGE are not intentionally used in the manufacture or formulation of films.

**Phthalates in laminate:** Above mentioned films comply with Directive 2005/84/EC amending Directive 76/769/EEC, which states, that “phthalates shall not be used as substances or constituents of preparation, at concentration greater than 0,1% by mass of the plasticized material”.

**Recycled material in laminate:** Above mentioned films do not contain any recycled materials.

**Allergens:** Directive 2007/68/EB Annex III. Allergens are not used in production.

**No mineral oils are used in the printing inks.**

**SUBSTANCES OF VERY HIGH CONCERN:** The legal requirements according to Regulation (EC) No 1907/2006 (REACH) are fulfilled for every component of the material. It is assured that no substances of very high concern contained within the meaning of Regulation No 1907/2006. Substances based on the currently valid list „Candidate List of Substances of Very High Concern” (SVHC).

**Printing inks and laminating adhesives** Raw material for printing inks, varnishes and adhesives and the finished product in accordance with (EC) provisions of the 1935/2004.

The printing inks, varnishes and adhesives are suitable and approved by the producer for the printing on materials and articles intended to come into contact with food, referring to the mentioned and valid regulations and directives. A direct contact between the printing colors and food is completely avoided due to the printing procedure. In particular the requirements of Annex A of Regulation (EC) 2023/2006 are met. The guidelines "EuPIA Guideline on Printing Inks applied to the non-food contact surface of food packaging materials and articles" (in the current valid version) of the European printing ink associations (EuPIA) and the "Exclusion list for printing inks and related products" of the European council of paint, printing ink and artists colors industry (CEPE) in the actual version as valid at the date of issue of this certificate, are met.

**13. Issued by:** Quality control manager Neringa Šiškauskienė  
Signature: \_\_\_\_\_

