

Declaration of Compliance

CPET St. Blk – 6812 Black

The product is made of APET top layer and CPET main layer with rPET.

Product produced in the above material are produced in compliance with the following legislation:

EU Regulation 1935/2004/EC, on materials and articles intended to come into contact with food, Article 3, Article 11, para 5, Article 15, and Article 17

EU Regulation 10/2011/EC and amendments up to and including 2023/1627/EC

EU Regulation 2023/2006/EC (Good Manufacturing Practice) and amendments thereto

EU Regulation 1895/2005/EC (Epoxy derivatives) and amendments thereto

EU Regulation 1907/2006/EC (REACH) and amendments thereto

EU Regulation 2022/1616/EU (Recycled plastics)

EU Directive 94/62/EC (Packaging and Packaging Waste) and amendments thereto

Colour masterbatch is in compliance with Resolution AP (89) or BfR Richtlinien Empfehlung IX

Absorbers are in compliance with Regulation 450/2009/EC and BfR Richtlinien Empfehlung XXXVI / 3 or LIII

As the above-mentioned Regulations develop continuously, our declarations will be adapted accordingly. Therefore we advise the receivers to ask for a new declaration periodically.

Data:

| | |
|---|---|
| Product can be used for the following types of food: | All |
| Test conditions: Simulants Conditions/Times | According to Regulation 10/2011/EC (simulant A, B and D2) According to Regulation 10/2011/EC Overall migration: Simulant A (10% ethanol): 4 hrs/80°C Simulant B (3% acetic acid): 4 hrs/100°C Simulant D2 (olive oil): 2 hours/175°C Specific migration Simulant A (10% ethanol): 4 hours/80°C + 10 days/40°C Simulant B (3% acetic acid): 4 hours/100°C + 10 days/40°C Simulant D2 (olive oil): 1 hour/150°C + 10 days/40°C Specific Migration - All monomers and additives are listed in Annexes I and II of EU Regulation 10/2011 / EC. One or more of the substances are restricted by specific migration limits. All substances with restrictions have been migration tested and the limit values documented in compliance with the restrictions. List of tested substances matches the full list of substances with restriction used in the formulation. |
| List of substances with restrictions (SML) Cf. 10/2011 / EC, Annex 1, Table 1 & 2 and Annex 2 | See attached Appendix 1 to Faerch Declaration of Compliance for: CPET St. Blk – 6812 Black: |

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|--|---|
| | Eurofins migration report no. CPET St Blk - 6812 Black - 392-2020-00010001, dated 09-03-2020 and PAA - CPET St Blk - 6812 Black - 392-2021-00593201 - roll no. 1912200461, 700 my. - 220421 |
| Temperature at use: Min Max Time | -40°C 225°C Heating max 30 min at 225°C or 2 hours at 200°C. Testing for 10 days at 40 °C shall cover all storage times at refrigerated and frozen conditions including hot-fill conditions and/or heating up to 70 °C ≤ T ≤ 100 °C for maximum t = 120/2 [^] ((T- 70)/10) minutes. |
| Dual use additives | E338, E553b |
| Use of recycled plastic | Yes |
| Functional barrier | Yes. The material or article complies with the requirements of Article 13(2), (3) and (4) |
| S/V ratio at migration test | 6 dm ² /kg |
| Max. acceptable S/V ratio * See note | 10,0 dm ² /kg |
| Risk assessment - Cf. Article 3 of Regulation (EC) No 1935/2004 | Risk assessment in accordance with the requirements of EU Regulation 10/2011 - Article 19 'Unintentionally added substance' (NIAS screening) showed the following substances: <i>See Table 2</i> Conclusion: presents no danger to human health |

***Note**

Specific migration analysis of antimony is done with 3% acetic acid representing the worst case food simulant. The table below can be used to find the maximum S/V ratio for antimony from a CPET packaging material for specific cooking times at which the Food Contact Temperature (FCT) is 100 °C.

| Time [Hours] | 0.5 | 1 | 1.5 | 2 | 3 | 4 | 6 | 8 |
|--------------------------------------|-----|----|-----|----|---|---|---|---|
| Max. S/V ratio (dm ² /kg) | 240 | 48 | 19 | 12 | 9 | 8 | 7 | 6 |

Table 2.

'Unintentionally added substance' (NIAS screening) showed the following substances

| Names | Identification CAS - EINECS - MICFReference No. |
|---|--|
| No NIAS substances above the detection limit of 10 ppb were detected in NIAS test | |

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This document of compliance is made on basis of:

Documentation from suppliers

Global migration

Specific migration

Risk Assessment of substances not included in the EU 10/2011, Annex 1

Holstebro 30-05-2023

Faerch Group


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Table 3
Standardised testing conditions

| Column 1 | Column 2 | Column 3 |
|-------------|--|---|
| Test number | Contact time in days [d] or hours [h] at Contact temperature in [°C] for testing | Intended food contact conditions |
| OM0 | 30 min at 40 °C | Any food contact at cold or ambient temperatures and for a short duration (≤ 30 minutes). |
| OM1 | 10 d at 20 °C | Any food contact at frozen and refrigerated conditions. |
| OM2 | 10 d at 40 °C | Any long term storage at room temperature or below, including when packaged under hot-fill conditions, and/ or heating up to a temperature T where 70 °C ≤ T ≤ 100 °C for a maximum of $t = 120/2^{((T-70)/10)}$ minutes. |
| OM3 | 2 h at 70 °C | Any food contact conditions that include hot-fill and/or heating up to a temperature T where 70 °C ≤ T ≤ 100 °C for maximum of $t = 120/2^{((T-70)/10)}$ minutes, which are not followed by long term room temperature or refrigerated storage. |
| OM4 | 1 h at 100 °C or at reflux | High temperature applications for all food simulants at temperature up to 100 °C. |
| OM5 | 2 h at 100 °C or at reflux or alternatively 1 h at 121 °C | High temperature applications up to 121 °C. |
| OM6 | 4 h at 100 °C or at reflux | Any food contact conditions at a temperature exceeding 40 °C, and with foods for which point 4 of Annex III assigns simulants A, B, C or D1. |
| OM7 | 2 h at 175 °C | High temperature applications with fatty foods exceeding the conditions of OM5. |

Test OM 7 covers also food contact conditions described for OM0, OM1, OM2, OM3, OM4, OM5. It represents the worst case conditions for fatty food simulants in contact with non-polyolefins. In case it is technically not feasible to perform OM 7 with food simulant D2 the test can be replaced as set out in paragraph 3.2.

Test OM 6 covers also food contact conditions described for OM0, OM1, OM2, OM3, OM4 and OM5. It represents worst case conditions for food simulants A, B and C in contact with non-polyolefins.

Test OM 5 covers also food contact conditions described for OM0, OM1, OM2, OM3, OM4. It represents the worst case conditions for all food simulants in contact with polyolefins.

Test OM 2 covers also food contact conditions described for OM0, OM1 and OM3.'