

Declaration of Compliance

6812_CPET Standard_Black

The product consists of CPET and is the most versatile CPET recipe.

The product consists of AB-structured CPET with APET (virgin) top layer and CPET (rPET) main layer.

Products made from the above material comply with the following legislation:

- EU Regulation 1935/2004/EU, on materials and articles intended to come into contact with food, Article 3, Article 11, para 5, Article 15 and Article 17.
- EU Regulation 2023/2006/EU (Good Manufacturing Practice) up to and including amendment 2025/351/EU.
- EU Regulation 10/2011/EU up to and including amendment 2025/351/EU. According to 2025/351/EU, point 16, article 16 we will be in compliance with the documentation from our supplier regarding their degree of purity latest 16 September 2026.
- EU Regulation 2024/3190/EU (bisphenol A (BPA) and other bisphenols and bisphenol derivatives).
- EU Regulation 1907/2006/EU (REACH) request a statement for the last included amendment.
- EU Directive 94/62/EC of 20 December 1994 on packaging and packaging waste and amendments thereto.
- EU Directive 2025/40/EU (Packaging and Packaging Waste) and amendments thereto.
- Colour masterbatch: Resolution AP (89) or BfR recommendation IX.
- US FDA 21 CFR: For additional information, request an FDA Declaration.

As the aforementioned regulations are continuously evolving, we will update our declarations accordingly. Therefore, we advise recipients to periodically request an updated declaration of compliance.

Data:

Intended use at food manufacturer.	<p>Faerch's crystalline PET (CPET) single-use containers are designed for packaging all types of foodstuffs under refrigerated and frozen conditions, as well as for hot-fill and for heating up the foodstuff in the packaging for up to 220°C. Storage for the maximum of 30 days at room temperature or for long-term storage under refrigerated and frozen conditions.</p> <p>Hot-fill means the filling of the plastic container with foodstuff with a temperature not exceeding 100°C at the moment of filling, after which the food cools down to 50°C or below within 60 minutes, or to 30°C or below within 150 minutes.</p> <p>Heat Treatment is defined as for instance sterilization or pasteurization at temperature up to f 150°C for up to 60 minutes.</p>
Intended use at end-user	<p>Suitable for cooking or re-heating the food within the container in a microwave or oven prior to consumption under the following temperature condition:</p> <ul style="list-style-type: none"> • The product remains form-stable when heating in preheated oven for a maximum of 30 min at 220°C (set temperature) or for 2 hours at 200°C (set temperature). • During heating, the temperature in the space between the food-contact surface of the plastic container and the food must not exceed 150°C for more than 1 hour.
Application temperature	Please note the following temperature guidelines:

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Min. (T) Max. (T) Melting Point (Tm)	<p>-40°C (-40°C to -20°C handle with care) 220°C ≈245 °C</p> <p>Application temperature refers to the temperature of the surrounding environment where the packaging and food are placed. Room temperature, which can range from about 20°C to 25°C, is typically referred to as ambient temperature. The maximum application temperature is specified by the technical department in the Technical Data Sheet (TDS).</p> <p>Crystalline Polyethylene Terephthalate (CPET) has a melting temperature (Tm) range of around 240-260°C, at which the crystalline regions of the polymer melt. The product is form-stable during heating in pre-heated conventional oven for max. 30 min at 220°C (set temperature) or 2 hours at 200°C (set temperature).</p>
Verification of Compliance	<p>In accordance with Article 18.2 and 18.4 of Regulation 10/2011/EU.</p> <p>Overall Migration (OM7 + OM6): Test conditions are selected in accordance with Annex V, Chapter 3, point 3.1, table 3 as: Simulant A (10% ethanol): 4 hours at 80°C Simulant B (3% acetic acid): 4 hours at 100°C Simulant D2 (olive oil): 2 hours at 175°C</p> <p>See ANNEX 1, table 1 to this DoC for the results of Overall Migration (OM) test</p> <p>The overall migration test is a measure for the inertness of the material. Table 3 of Annex V defines the test conditions and gives explanations about the real-life conditions covered by the prescribed test conditions.</p> <p>Specific Migration (SM): Test conditions are selected in accordance with Annex V, Chapter 2, point 2.1.3, 2.1.4, and 2.1.5 as: Simulant A (10% ethanol): 4 hours at 80°C + 10 days at 40°C Simulant B (3% acetic acid): 4 hours at 100°C + 10 days at 40°C Simulant D2 (olive oil): 1 hour at 150°C + 10 days at 40°C</p> <p>See ANNEX 1, table 2 to this DoC for the list of substances with restrictions (SML) according to 10/2011/EC, Annex I Table 1 & 2 and Annex II paragraph 1 and 2</p> <p>Specific migration testing applies to the substances that are listed in Annexes I and II. One or more of the substances used in the manufacture of this product are regulated by specific migration limits. Compliance with these limits is confirmed by the specific migration test.</p>

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	<p>The contact temperature is the temperature at the interface between the plastic layer and the foodstuff it is in contact with. This contact temperature must not be confused with the application temperature (oven temperature, airfryer etc.). The contact temperature is used for planning the verification of compliance to ensure safety and suitability of the plastic material for food contact at the given conditions.</p> <p>According to Annex V, Chapter 2, point 2.1.4 (b), food-tray contact conditions of “10 days at 40°C” cover all storage times at refrigerated or frozen conditions, including hot-fill conditions and/or heating up to $70^{\circ}\text{C} \leq T \leq 100^{\circ}\text{C}$ for maximum $t = 120/2^{((T-70)/10)}$ minutes.</p>
Foodstuff covered	<p>All types of food.</p> <p>In accordance with 10/2011/EU, Annex III, Chapter 4, table 3; and Annex V, Chapter 2, point 2.1.2.</p>
Use of recycled plastic	<p>Yes. The product contains recycled PET (rPET) in the middle layer.</p> <p>Faerch’s CPET is manufactured via a mechanical PET recycling process that qualify as “Novel Technology” under Regulation 2022/1616/EC. Faerch has notified our CPET manufacturing process based on twin-screw extrusion technology to the EU Commission and Danish Competent authorities in accordance with the requirements in Article 10 of that Regulation. The public information required by Article 10.4 and 13.4 is available shed on Faerch’s website (www. Faerch.com).</p> <p>The input material for Faerch’s CPET twin-screw extruders consist of rPET that has been decontaminated using EFSA-approved technology. In the twin-screw extruder, the rPET is subjected to additional decontamination and the final products are hereafter suitable for use in microwave and oven.</p> <p>The input materials may be manufactured using one of these recycling technologies: RECYC001; RECYC004; RECYC079; RECYC085; RECYC102; RECYC215; RECYC0126; RECYC210; RECYC212; RECYC227 or RECYC283.</p> <p>Throughout the manufacturing process, all individual batches of input materials, intermediate materials and final articles are identified by unique identification numbers. The final product is manufactured with full traceability in compliance with Article 5.1 of Reg 2022/1616.</p> <p>The Union Register numbers applicable to Faerch’s CPET twin-screw extrusion installations are provided in ANNEX 2, table 1</p>
Functional barrier	<p>Yes.</p> <p>The A-layer is a functional barrier according to the definition in Article 3 of 10/2011/EC, i.e. with respect to Non-Intentional Added Substances (NIAS) and Intentionally Added non-listed Substances (IAS). The material or articles complies with the requirements of Article 13(2), (3) and (4) of this Regulation.</p>

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Risk assessment	In accordance with 10/2011/EU, Article 19, Intentionally Added Substances (IAS) and Non-Intentionally Added Substances (NIAS) that are not included in Annex I and II in the regulation are individually assessed based on internationally recognised scientific principles for risk assessment. ANNEX 1, table 3 of this DoC lists the substances identified in NIAS screening test.
Dual use additives	E338, E553b
S/V ratio at migration test	6 dm ² /kg
Max. acceptable S/V ratio	6,0 dm ² /kg

This document of compliance is made on basis of:

Documentation from suppliers

Overall migration & Specific migration

Risk Assessment of substances not included in the EU 10/2011, Annex I and Annex II

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ANNEX 1:

Table 1.: Overall Migration (OM)

Simulant [Name]	Average of 3 single determinations [mg/dm ²]	OML Value [mg/dm ²]
10% ethanol (A)	< 2	10
3% Acetic acid (B)	< 2	10
Olive oil (D2)	2,1	10

< overall migration value = not detectable above LOD

Ref.: Faerch A/S unpublished report 392-2023-00145201 (13072023)

Table 2.: Specific migration (SM)

SM Substance [Name]	SM Substance [Cas No.]	Value [mg/kg]*	SML [mg/kg]
Terephthalic acid	100-21-0	<0,15	7,5
Caprolactam	105-60-2	<0,15	15
Ethylene glycol	107-21-1	<0,9	30
Vinyl acetate	108-05-4	<1,5	12
Sum of maleic acid and Maleic anhydride	110-16-7 / 108-31-6	<0,3	30
1,4-butanediol	110-63-4	<1,5	5
Diethylene glycol	111-46-6	<0,9	30
1-octene	111-66-0	<0,045	15
Hexafluoropropylene	116-15-4	<0,003	0,01
Lauryl diethanolamide	120-40-1	<1,5	5
Isophthalic acid	121-91-5	<0,15	5
2,6-di-tert-butyl-p-cresol (BHT)	128-37-0	<0,18	3
Byutyl acrylate	141-32-2	<0,015	6
Irganox 1076	2082-79-3	<0,9	6
Trinonylohenylphosphit	26523-78-4	<4,5	30
Ultranox 626	26741-53-7	<0,018	0,6
Irganox 3114	27676-62-6	<0,15	5
Vinyltrimetoxysilane	2768-02-7	<0,006	0,05
2,6-di-tert-butyl-4-ethylphenol	4130-42-1	<0,9	4,8
Formaldehyde	50-00-0	<0,6	15
1-Hexene	592-41-6	<0,09	3
Irganox 1425	65140-91-2	<0,018	6
Acetaldehyde	75-07-0	<0,18	6
Ethylene oxide	75-21-8	<0,01	0,01
Vinylidene fluoride	75-38-7	<0,015	5
Propylene oxide	75-56-9	<0,01	0,01
Acrylic acid	79-10-7	<0,15	6
Methacrylic acid	79-41-4	<0,015	6

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2-aminobencamide	88-68-6	<0,009	15
Pyromellitic acid and pyrmellitic anhydride	89-05-4/89-32-7	<0,015	0,05
Methylacrylate	96-33-3	<0,003	6
4-tert-butylphenol	98-54-4	<0,003	0,05
Atmer	Ref 39090/39120	<0,06	1,2
Elements	Annex II (table 1)	<LOD	Annex II (table 1)
CMR-PAA's	Annex II (point 2)	<0,0006	0,002
non CMR Cat 1A/B-PAA's	Annex II (point 2)	<0,003	0,01
Terephthalic acid	100-21-0	<0,15	7,5

*Recalculated test results based on assumption that 1 kg of food is surrounded by 6 dm² (10/2011/EU art.17, 2d)

< specific migration value = undetectable over LOD

Ref.: Faerch A/S unpublished report 392-2023-00145201 (13072023)

Table 3: Not intentionally added substance (NIAS):

NIAS Substance [Name]	NIAS Substance [Cas No.]	Risk assessment [result]
No substances were detected above the detection limit og 10 ppb	n.a.	Compliant

Compliance is based on laboratory risk assessment or Faerch risk assessment

Ref.: Faerch A/S unpublished report 392-2023-00142104 (17052023)

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ANNEX 2

Table 1: Union register numbers for Faerch's CPET twin screw extrusion installations:

Faerch's CPET twin screw extrusion technology. Novel technology. For public reports uploaded in compliance with articles 10.4 and 13.4 of regulation 2022/1616/EU see (www.faerch.com)			
NTN: TBP			
RON: DK0-0FY-003			
RFN:	Site DK (Holstebro): DK0-4I6-0FC	Site UK2 (Durham): GB8-OMA-1F1	Site IT (Castelbelforte): ITC-MY4-1FO
RIN:	DK0-4HX-0I0; DK0-9XI-0IG; DK0-2DW-0IM	GB8-JI9-1IS; GB8-H5X-1IS	ITC-PJM-1IG

TBP = Number to be provided by the Commission