

silver plastics® GmbH & Co. KG  
 Godesberger Strasse 9  
 D-53842 Troisdorf

## Declaration of Compliance

We are supplying you with the following material / product:

**PS-trays: Service Food XPS (Hamburgerboxes; Lunchboxes)**  
**material: polystyrene, closed-cell**

This product complies with the following legal requirements:

### 1. Generally

- EU-Framework Regulation on materials and articles intended for food contact: (EC) No 1935/2004
- (the german) Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch: LFGB §§ 30 and 31
- Regulation (EC) No 2023/2006 of Dec., 22<sup>nd</sup> 2006 on good manufacturing practice (GMP)

### 2. Raw Materials / Composition

- Regulation (EC) No 10/2011 and following amendments (incl. Regulation (EC) No 2023/1627)
- (the german) Bedarfsgegenständeverordnung dated from April, 10<sup>th</sup> 1992 and following amendments

### 3. Conditions of use / Compliance with threshold values

a) Specification of the intended use:

The above mentioned product fulfils the requirements for:

- dry food (via simulants A, B and D2)
- aqueous food (solvent A: 10% ethanol)
- acidic food (solvent B: 3% acetic acid)
- fatty food (solvent D2/substitute: 95% ethanol; isooctane)

that means for watery, acidic and fatty filling goods

- with hot filling up to 30min/100°C resp. storage of 10 days and up to 40°C.
- at refrigerated or frozen condition with a storage time >30days (long term storage).

b) The analysis of the total migration was carried out in consideration of the „Methoden zur Untersuchung von Bedarfsgegenständen“ according to the requirements B 80.30, 1 and 3 (EC) and the „Amtlichen Sammlung von Untersuchungsverfahren“ according § 64 LFGB and the requirements of the norm-series EN 1186, EN 13130 and prCEN/TS 14234 „Werkstoffe und Gegenstände in Kontakt mit Lebensmitteln – Kunststoffe“.

substitute solvent:	contact-time / -temperature:
10% ethanol	30min/100°C + 10 days/40°C
3.% acetic acid	30min/100°C + 10 days/40°C
95% ethanol	30min/100°C + 10 days/40°C
isooctane (substitute for fat)	30min/60°C + 2 days/20°C

The critical value for the total migration measures 10mg/dm<sup>2</sup> per object resp. 60mg/kg foodstuff (substitute solvent) according to Regulation (EC) No 10/2011.

The observance of the global migration values according to the requirements of regulation (EU) No 10/2011 and amendments produces values below the admitted threshold values (for the abovementioned conditions of use).

The highest ratio of the area of the food contact material to the volume used to determine the compliance of the plastic food contact material or article measured approx. 220cm<sup>2</sup>/300cm<sup>3</sup>.

c) Information about restricted substances and / or specifications

According to the declarations of the raw-material suppliers above mentioned products may contain substances with an SML-restriction defined in Regulation (EC) No 10/2011.

Bezeichnung	FCM-Stoff-Nr.	PM Ref.-Nr.	CAS-No	SML:	//product group//	schwarz	weiß	braun/beige
Stearinsäure/stearic acid	106	24550/89040	0000057-11-4	5 mg/kg	x	x	x	x
Zink (vergl. VO 10/2011 Anhang II)		24550/89040	CAS 557-05-1	5 mg/kg	x	x	x	x
Tetrakis(2,4-di-tert-butylphenyl)-4,4'biphenylen-diphosphonit	688	92560	0038613-77-3	18 mg/kg	x	x	x	x
styrene	193	24610	0000100-42-5	60 mg/kg	x	x	x	x
Butadiene	223	13630	0000106-99-0	n.d.<0,01 mg/kg	x	x	x	x
octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	433	68320	0002082-79-3	6 mg/kg			x	
Aluminium (vergl. VO 10/2011 Anhang II)				1 mg/kg			x	
Barium (vergl VO 10/2011 Anhang II)				1 mg/kg				x

The compliance of the limits is confirmed for the stated types of food-simulants and conditions of application.

d) silver plastics does not add Dual Use Additives to its formulations.

Nethertheless according to the information of our raw-material suppliers, the raw materials of a.m. products may contain Dual Use Additives, which have acc. Regulation (EC) No 10/2011 a restriction in foodstuff.

Bezeichnung	FCM-Nr.	PM Ref.-Nr.	CAS-No	SML:	//product group//	Black	White	Brown/beige
talc (E553b)	615	92080	/	60 mg/kg	x	x	x	x
Monocarbonsäuren (E471)	9	30610	/	60 mg/kg	x	x	x	x
quartz (E551)	616	83470	0014808-60-7	60 mg/kg	x	x	x	x
titan dioxide (E171)	610	93440	0013463-67-7	(qs)			x	
calcium stearate (E470a)	/	/	/					x

e) NIAS (not intentionally added substances)

The product group (which includes a.m. Service Food XPS) has been tested for NIAS. A risk assessment according to internationally accepted scientific principles has been made and confirms compliance with Article 3 of Regulation (EC) No 1935/2004.

Identifikation	Type	CAS	Risk assessment
#7	Naphthalene, 1,2,3,4-tetrahydro-2-phenyl-	29422-13-7	Assuming the default assumption of a body weight of 60 kg the consumption of max. 4,89 kg of food per day can be considered as safe.
#8	trans-1,2-Diphenylcyclobutane	20071-09-4	Assuming the default assumption of a body weight of 60 kg the consumption of max. 3,05 kg of food per day can be considered as safe.
#13	Cyclohexane, 1,3,5-triphenyl-	28336-57-4	Assuming the default assumption of a body weight of 60 kg the consumption of more than 10 kg of food per day can be considered as safe
			Please note: mg/kg*: for the EU-convention of 6 dm <sup>2</sup> packaging for 1 kg food

Tabelle: risk assessment acc. report EUROFINS AR-22-JR-022059-01

f) PAA (Primary Aromatic Amines)

The product group has been tested for for PAA. Compliance with the requirements of the Plastic Regulation (EU) No. 10/2011 Annex II regarding primary aromatic amines can be confirmed.

g) Heavy metals according to Annex II VO 10/2011 ff.

The product group has been tested for heavy metals according to Annex II of Regulation 10/2011 ff. Compliance with the requirements of the Plastics Regulation (EU) No. 10/2011 Annex II regarding specific migration of heavy metals can be confirmed.

#### 4. Further Declarations of Conformity

The requirements of the European (packaging-) Directive 94/62/EC (dated from December 20<sup>th</sup>, 1994; including further amendments) regarding heavy metals are fulfilled.

#### 5. Conclusion

In terms of EU-framework Directive (EC) No 1935/2004 and §§ 30 and 31 LFGB, published in the Bundesgesetzblatt (Federal Law Gazette) No 55 of 6.09.2005 there are no objections against the use of the product for the manufacture of articles intended for food contact.

This declaration is valid for the product delivered by us as specified above. The Regulation (EU) No. 10/2011 provides guidelines for the selection of test conditions to be used for various food products. According to that and under consideration of the food contact conditions stated, the product complies with the stipulations of these Regulations regarding the packaging of food products to be packed. The user shall verify himself that the product is suitable for the intended food to be packed beyond the stipulations of the Directives.

In particular it is emphasized that in case of printed material, no contact is allowed between the printing ink and the food product.

## 6. Further Information


All previous Declarations of Compliance with relation to the above mentioned products are hereby invalid.

In case of relevant changes in the characteristics of the product or in case of new relevant scientific findings silver plastics will renew this declaration.

This declaration is valid until 31<sup>st</sup> of December 2026.

Troisdorf, December 15<sup>th</sup> 2023

**silver plastics® GmbH & Co. KG**  
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