

DECLARATION OF CONFORMITY No. 2022-1

A-PET Film with anti-block slip agent made from 100% R-PET

A-PET mono film is made by using co-extrusion technology in structure

A(10%)/B(80%)/A(10%). Formed A-PET film is from food approved packaging materials:

1. Outside layer A (10%+10%) 100% recycled polyethylene terephthalate (rPET) material. Producer - Veolia PET Germany GmbH. rPET name - RPET clear CleanPET GK-21 DE (PET083). EFSA Journal 2013;11(11):3463;
2. Middle layer B (80%) recycled polyethylene terephthalate (rPET) material;
3. Additive - REINVENT SLIP/ANTIBLOCK A SA 1049 ST (GP146), from company IQAP MASTERBATCH GROUP S.L.U.

A-PET film rolls packaged on pallets according to customer's requirements.

The product complies with effectual version of following normative and regulations:

1. Commission Regulation (EC) No Commission Regulation (EC) No 1935/2004 (Article 3, Article 11(5) and Articles 15 and 17); 2023/2006; 1272/2008; 1907/2006 (REACH annex XV,XIV);
2. The Europe Parliament and Council Directives: 94/62/EB;
3. Commission Regulation (EC) No 10/2011 and its amendments (321/2011, 1282/2011, 1183/2012, 202/2014, 865/2014, 174/2015; 1416/2016; 752/2017; 79/2018; 213/2018; 37/2019; 1245/2020);
4. Commission Regulation (EC) No 282/2008 and its amendments (1906/2015).

A-PET films are intended for thermoforming, laminating in the food industry companies. A-PET film intend to be used for packaging of the following food products: aqueous foods; acidic foods; alcoholic foods; fatty foods; dry food; freezing.

Information on substances for which restrictions are in place in Legislation EU 10/2011 (raw material):

Ref. No	CAS No	Chemical name	Restriction and/or specifications
24910	0000100-21-0	Terephthalic acid	SML = 7,50 mg/kg
19150	0000121-91-5	Isophthalic acid	SML = 5,00 mg/kg
16990	0000107-21-1	Ethyleneglycol	SML = 30,00 mg/kg
16450	0000646-06-0	1,3-dioxolane	SML = 5,00 mg/kg
10060	0000075-07-0	Acetaldehyde	SML = 6,00 mg/kg

Antimony trioxide is used as a catalyst for manufacture of Polyethylene terephthalate. For technical reasons it is not possible to completely remove the catalyst after production of newly produced PET, nor during the recycling process. The value for the specific migration limit according to Regulation (EU) 10/2011 is complied with.

Information on substances for which restrictions are in place in Legislation EU 10/2011 (additives):

Ref. No	CAS No	Chemical name	Restriction and/or specifications
24910	0000100-21-0	Terephthalic acid	SML = 7,50 mg/kg
19150	0000121-91-5	Isophthalic acid	SML = 5,00 mg/kg
16990	0000107-21-1	Ethyleneglycol	SML = 30,00 mg/kg
15760	0000111-46-6	Diethylene glycol	
35760	0001309-64-4	Antimony trioxide	SML = 0,04 mg/kg

The composition detailed above contains E-338 and E-551, which are substances authorised as additives for foodstuffs and are dual additives. Pigments in this product fulfil the purity requirements of EC Resolution AP (89) 1 on the "Use of Colorants in Plastic Materials coming into Contact with Food".

A-PET films shall not release the following substances in quantities exceeding the specific migration limits.

Analysis	Measure	
	Limits	Units
1	2	3
Overall migration into the water medium	10	mg/dm ²
Overall migration into the acetic medium (3 %).	10	mg/dm ²
Overall migration into the ethanol medium (50% ethanol)	10	mg/dm ²
Overall migration into fatty food medium	10	mg/dm ²
Al	1	mg/kg
As	ND	mg/kg
Ba	1	mg/kg
Ca	-	mg/kg
Co	0,05	mg/kg
Cu	5	mg/kg
Eu	0,05	mg/kg
Fe	48	mg/kg
Gd	0,05	mg/kg
K	-	mg/kg

La	0,05	mg/kg
Li	0,6	mg/kg
Mg	-	mg/kg
Mn	0,6	mg/kg
Na	-	mg/kg
NH4	-	mg/kg
Sb	0,04	mg/kg
Tb	0,05	mg/kg
Zn	5	mg/kg
Ni	0,02	mg/kg

Overall migration is tested on APET film applying 6 dm²/kg.

Based on the conformity declarations & tests protocols (issued of our suppliers) and the knowledge of the raw materials and as well as of the manufacturing process, we can confirm that in our A-PET films general content of four heavy metals Pb, Cd, Hg, Cr⁶⁺ are lower than 100 ppm and they comply of the EU Directive 94/62/EC which limit the content of mentioned heavy metals.

INP can confirm that during production do not use any DUAL- USE additives listed on Regulation (EC) 1333/2008 or Regulation, (EC) 1334/2008. Supplier of resin uses are declared in manufacture documentation.

Recommended conditions:

Storage and filling treatment:

1. Unlimited storage treatment at freezing and cooling temperature.
2. If the temperature of foodstuff is 70-100°C - contact time should not exceed 15min.
3. Unlimited storage treatment at room temperature.

Temperature:

A-PET films should be stored in temperature not more than 30°C, no closer than 1 m to heating sources. If A-PET films were stored in minus temperature, then before using must be stored 24 hours in temperature not less +18 °C.

Relative humidity: -Maximum 50%.

Duration of storage after production: 12 months.

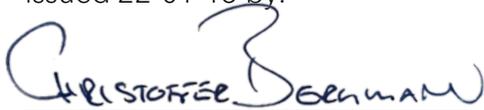
- During transportation and storage period, A-PET films must have protection from direct sunshine, humidity, high temperature, dust.
- Before using A-PET films must be no less than 24 hours in the surrounding temperature of the production room.
- A-PET films to be used according to the concept „ First-in-first-out “.
- Never mix A-PET films from different package especially produced from different material.

This declaration is valid only for our company specified A-PET films using them exactly for the purpose specified.

This declaration is valid until ingredients of our products will change and/or there will be new scientific proof.

INP AB states, that information and data listed in the document are correct.

Issued 22-01-15 by:



CHRISTOFFER BERGMAN

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