

CLIMATE DECLARATION FOR APS TRAYS - AIR PASSAGE SYSTEM

Functional unit: 1 unit of packaging

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025.

Information about the product

The APS container, made of POLYPROPYLENE, represents the full application of Esperia's sustainability policies, through the use of a material that represents and is recognized as the right choice in the direction of sustainability and recyclability.



Information about the company

ESPERIA s.r.l., production company of rigid packaging for food application with full cycle production, born in 2009 as a response to a market that was moving more and more towards fresh products packaging in rigid materials (PP - PET). ESPERIA s.r.l. represents the synthesis of the experience of the production process of the HAPPY GROUP with a complete range of containers in polypropylene (PP) and polyethylene terephthalate (PET) for food packaging, both transparent and coloured for STRETCH, MAP and SKIN FOOD applications.

Climate declaration A1-A3

The table below lists the emissions of greenhouse gases A1-A3 for the product in kg CO₂ eq. per

1 packaging unit, having as reference flow the weight of the finished article of 23.1g which corresponds to article CPP275F30APS/A.

1 packaging unit, having as reference flow the weight of the finished article of 21.6g which corresponds to article CPX152330APSV/A.

1 packaging unit, with the weight of the finished article of 21.6g as reference flow, corresponding to article CPX152342APSVV/A.

1 packaging unit, with the weight of the finished article of 24.7g as reference flow, corresponding to article CPX152360APSVV/A.

Tray APS 275/30 transparent, article CPP275F30APS/A				
	Upstream	Corestream	Downstream	Total
GWP - Fossil	5,50E-2	2,22E-2	0,08E-2	7,80E-2
GWP - Biogenic	7,69E-5	55,41E-5	0,04E-5	63,13E-5
GWP - Luluc	1,69E-5	0,39E-5	0,02E-5	2,10E-5
GWP - Total	5,51E-2	2,28E-2	0,08E-2	7,86E-2
Tray APS 1523/60 green, article CPX152330APSV/A				
	Upstream	Corestream	Downstream	Total
GWP - Fossil	5,40E-2	2,22E-2	0,08E-2	7,70E-2
GWP - Biogenic	7,53E-5	55,41E-5	0,04E-5	62,98E-5
GWP - Luluc	1,49E-5	0,39E-5	0,02E-5	1,90E-5
GWP - Total	5,41E-2	2,27E-2	0,08E-2	7,77E-2
Tray APS 1523/42 green, article CPX152342APSVV/A				
	Upstream	Corestream	Downstream	Total
GWP - Fossil	4,71E-2	1,93E-2	0,07E-2	6,71E-2
GWP - Biogenic	6,58E-5	48,19E-5	0,03E-5	54,80E-5
GWP - Luluc	1,31E-5	0,34E-5	0,01E-5	1,67E-5
GWP - Total	4,72E-2	1,98E-2	0,07E-2	6,77E-2
Tray APS 1523/30 green, article CPX152360APSVV/A				
	Upstream	Corestream	Downstream	Total
GWP - Fossil	4,70E-2	1,92E-2	0,07E-2	6,69E-2
GWP - Biogenic	6,57E-5	47,69E-5	0,03E-5	54,56E-5
GWP - Luluc	1,31E-5	0,34E-5	0,01E-5	1,66E-5
GWP - Total	4,71E-2	1,97E-2	0,07E-2	6,75E-2

Other environmental impacts

For the full EPD, see www.environdec.com.

Contact information

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EPD PROGRAMME: THE INTERNATIONAL EPD® SYSTEM		REGISTRATION NO: S-P-02078	VALIDITY: 2025-09-13
PCR: 2019:13 VERSION 1.0	UN CPC: 36490	PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: SGS ITALIA S.P.A		ACCREDITED / APPROVED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD® SYSTEM	
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			
THIS SINGLE-ISSUE EPD ONLY ADDRESSES ONE ENVIRONMENTAL IMPACT CATEGORY AND DOES NOT ASSESS OTHER POTENTIAL IMPACTS ARISING FROM THE PROVISION OF THIS PRODUCT. THESE ASPECTS MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE SINGLE IMPACT CATEGORY DISPLAYED.			