



PRODUCT Arctic Volume Ice

COMPANY Arctic Paper S.A.

MILL Arctic Paper Grycksbo AB

Information gathered from 2022-01-01 to 2022-12-31 Date of issue 2023-05-22

## ENVIRONMENTAL PRODUCT DECLARATION FOR PAPER

### ENVIRONMENTAL MANAGEMENT

Certified environmental management system at the mill: ISO 14001 and EMAS-registration since 1997

Company systems ensure traceability of the origin of wood: YES  NO  100% RECOVERED PAPER

FSC® Chain of Custody License no. DNV-COC-000002

PEFC Chain of Custody License no. DNVSE-PEFC-COC-31

### ENVIRONMENTAL PARAMETERS

The figures are based on methods and procedures of measurement approved by the local (or national) environmental regulators at the production site. The figures include pulp and paper production.

<b>Water</b>	COD	5.7	kg/tonne
	AOX	0.05	kg/tonne
	NTot	0.10	kg/tonne
	PTot	0.02	kg/tonne

<b>Air</b>	SO <sub>2</sub>	0.11	kg/tonne
	NO <sub>x</sub>	0.84	kg/tonne
	CO <sub>2</sub> (fossil)	74	kg/tonne

Solid waste landfilled 15 BDkg/tonne

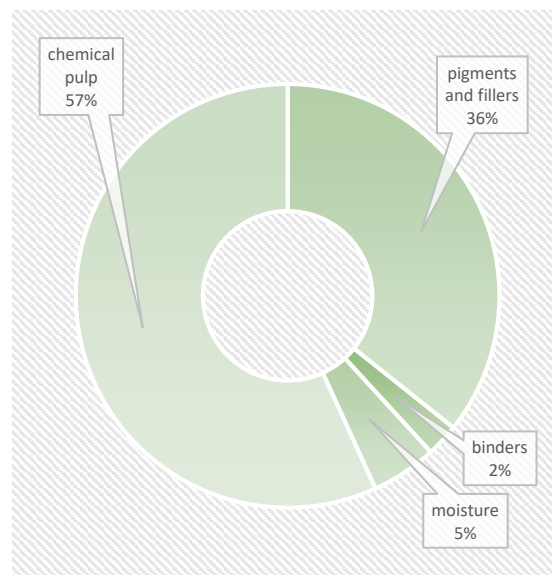
Purchased electricity consumption  
/tonne of final product 673 kWh

### MORE INFORMATION

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### PRODUCT COMPOSITION



This product contains biomass carbon, equivalent to 1041 kg of CO<sub>2</sub> per tonne of product.

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## Arctic Paper Grycksbo AB

### Paper Mill Environmental Declaration

#### Product information: Arctic Volume Ice

Arctic Volume Ice has the brightest clear white shade, so pure that every design pops right off the paper, with deep tones, crisp colours and perfect clarity. Arctic Volume Ice is a premium coated paper, with outstanding print quality and distinctive feel, a natural matt surface, high bulk, and now boasting a clear and bright whiteness of 145 CIE. It is available in grammages from 115 to 300 g/m<sup>2</sup> and can be ordered both in sheets and reels

The environmental data below reports only emissions from the paper production and not emission in the total production chain from forest to customers.

#### Mill Environmental Parameters 2022

	Product	BAT <sup>1</sup>	Description <sup>2</sup>
<b>Water</b>	Quantity <sup>3</sup>	7.5	m <sup>3</sup> /t
	COD	0.53	0.15-1.5 kg/t
	AOX	0.0014	kg/t
	N-tot	0.033	0.01-0.1 kg/t
	P-tot	0.0004	0.003-0.012 kg/t
<b>Air</b>	SO <sub>2</sub>	0	kg/t
	NO <sub>x</sub>	0.13	kg/t
	CO <sub>2</sub>	0	kg/t
<b>Energy</b>	Steam	985	kWh/t
	Electricity	673	kWh/t
<b>Waste</b>	Reuse	22.6	BDkg/t
	Landfill	0.9	BDkg/t

#### Mill Environmental Objectives 2023

Strategic suppliers must have at least 70% fossil-free road transport in 2027 (ton\*km).  
Milestone 2023: 55%

Fossil-free in 2030 according to Scope 1 and 2  
Milestone 2023: Define gap and establish action plan.

<sup>1</sup> BAT = Best available technique according to EU 2014/687

<sup>2</sup> All figures expressed per ton of paper

<sup>3</sup> Effluent water from wastewater treatment plant

For more information about environmental objectives, see the EMAS environmental

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