

PRODUCT **AMBER VOLUME**

COMPANY **ARCTIC PAPER S.A.**

MILL **ARCTIC PAPER KOSTRZYN S.A.**

Information gathered from 1.01.2024 to 31.12.2024 Date of issue 16.06.2025

ENVIRONMENTAL PRODUCT DECLARATION FOR PAPER

ENVIRONMENTAL MANAGEMENT

Certified environmental management system at ISO 14001 from April 2000

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

Environmental aspects of wood procurement 45,3% of FSC and 54,7% of PEFC

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.

Water	COD	5,90	kg/tonne
	AOX	0,05	kg/tonne
	NTot	0,16	kg/tonne
	PTot	0,02	kg/tonne

Air	SO ₂	0,08	kg/tonne
	NO _x	1,48	kg/tonne
	CO ₂ (fossil)	553,6	kg/tonne

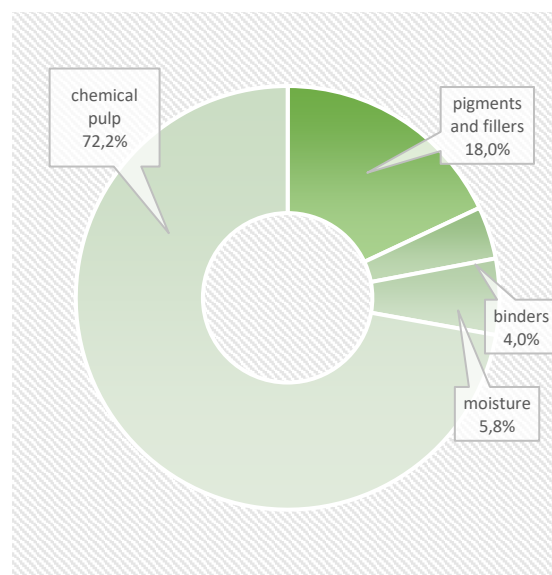
Solid waste landfilled 25,5 BDkg/tonne

Purchased electricity consumption
/tonne of final product 152,8 kWh

MORE INFORMATION

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PRODUCT COMPOSITION



This product contains biomass carbon, equivalent to 1324 kg of CO₂ per tonne of product.

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Arctic Paper Kostrzyn S.A.

Paper Mill Environmental Declaration

Product information: Amber Volume

Amber Volume is a woodfree high white bulky uncoated paper. The surface is specially suited for all kinds of educational publishing applications such as schoolbooks, academic literature, reference material and factual books. Available in grammages from 50 to 90 g/m².

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

Mill Environmental Parameters 2024

		Product	BAT ¹	Description ²
Water	Quantity ³	12,5	< 20	m ³ /t
Water (kg/t)	COD	0,31	< 1,5	kg/t
	Ntot	0,071	< 0,1	kg/t
	P tot	0,004	< 0,012	kg/t
Air	SO ₂	0,05		kg/t
	NO ₂	0,51		kg/t
	CO ₂	442		kg/t
Energy	Steam	2201		kWh/t
	Process	569		kWh/t
Waste	Reuse	18,78		BDkg/t
	Landfill	0,32		BDkg/t

Mill Environmental Objectives 2025

Maintaining sustainable sourcing of fibre raw materials by maintaining 100% certified cellulose content.

Reducing electricity consumption by replacing lighting with automatic LED lighting (side track).

Reducing noise emissions into the environment by installing silencers.

Reducing heat energy consumption by modifying the heat recovery system

For more information about environmental objectives, see EMAS environmental report

¹ BAT = Best available technique according to EU-BREF 2015.

² All figures expressed per ton of paper

³ Effluent water from waste water treatment plant

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