

Product **AMBER VOLUME**

Company **ARCTIC PAPER S.A.**

Mill **ARCTIC PAPER KOSTRZYN S.A.**

Information gathered from 1.01.2021 to 31.12.2021

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Environmental product declaration for paper

Environmental Management

Certified environmental management system at the Mill since April 2000 **ISO 14001:2000**

Company systems ensure traceability of the origin of wood yes no 100% recovered paper

Environmental aspects of wood procurement 45% of FSC and 55% 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 both paper and pulp production.

Water	COD	5,85	kg/tonne
	AOX	0,05	kg/tonne
	N_{Tot}	0,13	kg/tonne
	P_{Tot}	0,02	kg/tonne

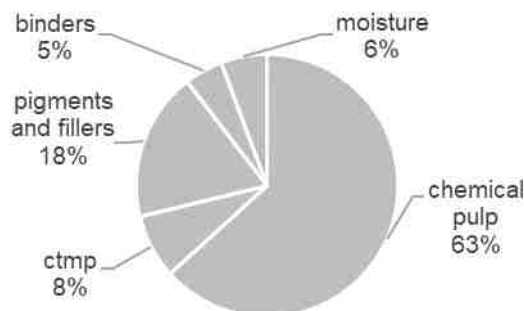
Air	SO₂	0,08	kg/tonne
	NO_x	1,24	kg/tonne
	CO₂ (fossil)	457	kg/tonne

Solid waste landfilled **32,1** BDkg/tonne

Purchased electricity consumption

/tonne of final product **16,1** kWh

Product composition



This product contains biomass carbon equivalent

More information

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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 2021

		Product	BAT1	Description2
Water	Quantity3	10,7	< 20	m3/t
Water (kg/t)	COD	0,29	< 1,5	kg/t
	Ntot	0,063	< 0,1	kg/t
	P tot	0,002	< 0,012	kg/t
Air	SO2	0,04		kg/t
	NO2	0,51		kg/t
	CO2	374		kg/t
Energy	Steam	2121		kWh/t
	Process	539		kWh/t
Waste	Reuse	10,47		BDkg/t
	Landfill	0,5		BDkg/t

Mill Environmental Objectives 2022

For more information about environmental objectives see EMAS environmental report

Mill Environmental Objectives 2022

Minimizing water consumption by modernizing the water supply system.
 Maintaining high efficiency of the water treatment plant
 Reducing consumption of natural resources by reducing specific electricity use - replacement of light sources with LEDs
 Increase in efficiency of the MP ventilation system - reduction in specific energy

¹ BAT = Best available technique according IPPC.

² All figures expressed per ton of paper

³ Effluent water from waste water treatment plant

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