

Product	Munken Kraft, Munken Kraft High White
Company	ARCTIC PAPER S.A.
Mill	ARCTIC PAPER KOSTRZYN S.A.

Information gathered from 1.01.2021 to 31.12.2021

Date of issue 5.07.2022

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

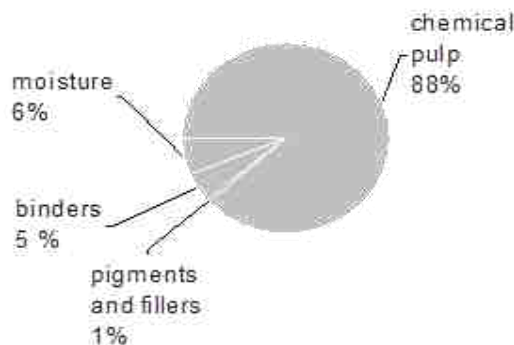
Air	SO₂	0,08	kg/tonne
	NO_x	1,24	kg/tonne
	CO₂ (fossil)	433	kg/tonne

Solid waste landfilled 32 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: Munken Kraft HighWhite, Munken Kraft

Munken Kraft HighWhite, Munken Kraft is a machine finished Bleached Kraft paper with high whiteness / natural white shade, suitable for polymer-coating, various bag, wrapping and packaging applications. The paper is produced with a mixture of softwood and hardwood virgin fibre to give it high strength and good printability. Available in grammages from 38 to 70 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	BAT ¹	Description ²
Water	Quantity ³	10,7	< 20	m ³ /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	SO ₂	0,04		kg/t
	NO ₂	0,51		kg/t
	CO ₂	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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