

Product	Munken Kraft Natural WS
Company	ARCTIC PAPER S.A.
Mill	ARCTIC PAPER KOSTRZYŃ S.A.

Information gathered from 1.01.2020 to 31.12.2020

Date of issue 1.07.2021

Environmental product declaration for paper

Environmental Management

Certified environmental management system at the Mill since April 2000 ISO 14001:2015

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

Environmental aspects of wood procurement 50% of FSC and 50% 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	9,4	kg/tonne
	AOX	0,05	kg/tonne
	N_{Tot}	0,18	kg/tonne
	P_{Tot}	0,02	kg/tonne

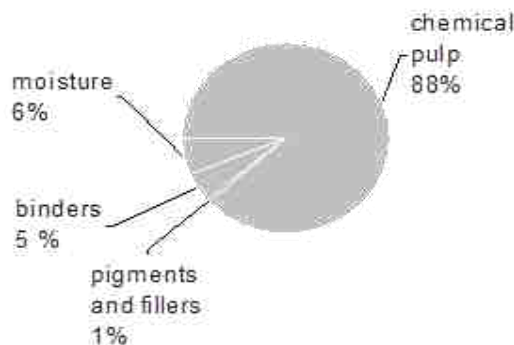
Air	SO₂	0,13	kg/tonne
	NO_x	2,56	kg/tonne
	CO₂ (fossil)	463	kg/tonne

Solid waste landfilled 63 BDkg/tonne

Purchased electricity consumption

/tonne of final product **-191** 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 Natural WS

Munken Kraft Natural WS is a wet strength, machine finished Bleached Kraft Paper with natural white shade, suitable for various applications in the production of bags, wrapping and packaging of foodstuffs and more. Available in grammages from 38 to 60 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 2020

		Product	BAT ¹	Description ²
Water	Quantity ³	10,5	< 20	m ³ /t
Water (kg/t)	COD	0,27	< 1,5	kg/t
	Ntot	0,093	< 0,1	kg/t
	P tot	0,005	< 0,012	kg/t
Air	SO ₂	0,04		kg/t
	NO ₂	0,56		kg/t
	CO ₂	417		kg/t
Energy	Steam	2079		kWh/t
	Process	535		kWh/t
Waste	Reuse	10,54		BDkg/t
	Landfill	0,34		BDkg/t

Mill Environmental Objectives 2021

For more information about environmental objectives see EMAS environmental report

Mill Environmental Objectives 2021

Decrease in steam consumption by upgrading PM heat exchangers.
Reduction of chemical consumption by upgrading the short PM loop.
Minimizing water consumption by modernizing the water supply system.
Maintaining high efficiency of the water treatment plant

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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