



ARCTIC PAPER

PRODUCT Munken Kraft Munken Kraft Highwhite

COMPANY Arctic Paper S.A.

MILL Munkedals AB

Information gathered from 2021-01-01 to 2021-12-31 Date of issue 2022-07-05

## ENVIRONMENTAL PRODUCT DECLARATION FOR PAPER

### ENVIRONMENTAL MANAGEMENT

Certified environmental management system at the mill: EMAS, ISO 9001 and ISO 14001

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

PEFC - Certified wood SGS-PEFC-SE13/9605

FSC - Certified wood SGS-COC-001693

### 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	13,95	kg/tonne
	AOX	0,087	kg/tonne
	NTot	0,144	kg/tonne
	PTot	0,019	kg/tonne

<b>Air</b>	SO <sub>2</sub>	0,163	kg/tonne
	NO <sub>x</sub>	1,343	kg/tonne
	CO <sub>2</sub> (fossil)	207,2	kg/tonne

Solid waste landfilled 8,9 BDkg/tonne

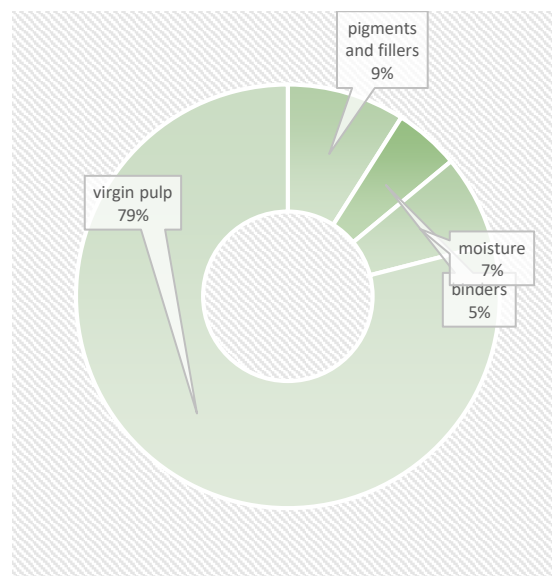
Purchased electricity consumption  
/tonne of final product 997,8 kWh

### MORE INFORMATION

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### PRODUCT COMPOSITION



This product contains biomass carbon, equivalent to 1631 kg of CO<sub>2</sub> per tonne of product.

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# Arctic Paper Munkedals AB

## Paper Mill Environmental Declaration

### Product information: Munken Kraft and Munken Kraft Highwhite

AP Kraft is a Bleached Kraft paper with high whiteness, suitable for various bag, wrapping and packaging applications. AP Kraft Highwhite is a Bleached Kraft paper with a natural white shade, suitable for various bag, sack and packaging applications. The papers are produced with a mixture of softwood and hardwood virgin fiber to give them high strength and good printability.

### Mill Environmental Parameters 2021

### Mill Environmental Objectives 2022

		Product	BAT <sup>1</sup>	Description <sup>2</sup>
Water	Quantity <sup>3</sup>	3,806	10-15	M <sup>3</sup> /t
	COD	0,632	0,5-2	kg/t
	AOX	0,002	<0,005	kg/t
	Ntot	0,003	0,05-0,2	kg/t
	Ptot	0,002	0,003-0,001	kg/t
Air	SO <sub>2</sub>	0,000	0,00	Kg/t
	NO <sub>x</sub>	0,099	0,150	Kg/t
	CO <sub>2</sub>	183,0		Kg/t
Energy	Steam	1539,8		kWh/t
	Process	609,0		kWh/t
Waste	Reuse	28,00		BDkg/t
	Landfill	2,65		BDkg/t

#### Mill Environmental Objectives 2022

Create a more even raw water purification

Reduce freshwater use

Concentrate the bio sludge

Increase the amount of renewable energy

Improve living conditions for migrating fish in the Munkedal river

Increase the proportion of returned process water

Reduce the total energy use by 2,5%

For more information about environmental objectives see EMAS environmental report

#### Sales contact

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