

PRODUCT Munken Design and Munken Design ID

COMPANY Arctic Paper S.A.

MILL Arctic Paper Munkedals AB

Information gathered from 2024-01-01 to 2024-12-31 Date of issue 2025-05-20

PRODUCT ENVIRONMENTAL DATASHEET FOR PAPER

ENVIRONMENTAL MANAGEMENT

Certified environmental management system at the mill: ISO 14001 and EMAS-registration

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

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PEFC Chain of Custody License no. SGS-PEFC-COC-000634 - PEFC/05 33 99

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	7,0	kg/tonne
	AOX	0,06	kg/tonne
	NTot	0,10	kg/tonne
	PTot	0,03	kg/tonne

Air	SO2	0,08	kg/tonne
	NOx	1,20	kg/tonne
	CO2 (fossil)*	314,9	kg/tonne

*This figure does not represent a full scope 1,2 & 3 of CO2 footprint and neither of carbon offsetting emissions.

Solid waste landfilled 20,3 BDkg/tonne

Purchased electricity consumption*

/tonne of final product 710,1 kWh

* Any CO2 fossil emissions related to the purchased electricity are not reported.

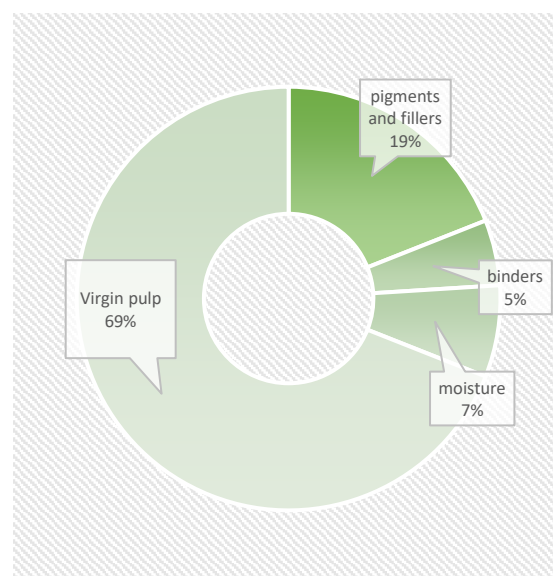
MORE INFORMATION

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PRODUCT COMPOSITION



This product contains biogenic carbon, equivalent to 1392 kg of CO2 per tonne of product.

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Arctic Paper Munkedals AB

Paper Mill Environmental Declaration

Range information: Munken Design

The Munken Design Range consists of eight premium uncoated fine papers. All have a special character thanks to their unique tactile and natural, authentic appeal, making them a perfect choice for all sorts of design projects and corporate identity applications. The range consists of four different shades, from cream to highwhite and each in two different surface structures.

Mill Environmental Parameters 2024

		Product	BAT ¹	Description ²
Water	Quantity ³	3,7		m ³ /t
	COD	0,41	0,15-1,5	kg/t
	AOX	0,001		kg/t
	N-tot	0,024	0,05-0,20	kg/t
	P-tot	0,002	0,003-0,010	kg/t
Air	SO ₂	0		kg/t
	NO _x	0,25		kg/t
	CO ₂	251,0		kg/t
Energy	Steam	1246,7		kWh/t
	Electricity	648,4		kWh/t
Waste	Reuse	39,8		BDkg/t
	Landfill	0,3		BDkg/t

Mill Environmental Objectives 2025

Create a more even raw water purification and smoother reject to the river by installation of new purification equipment for incoming water.

Reduce energy use through specific measures. For example, speed control at drives, low-load stop pulper, optimize hot water use, limit heat dumping etc.

Reduce the proportion of combustible waste by systematically prevent interruptions and errors, launch concepts with pulse boards and improvement measures.

For more information about environmental objectives, see the 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 wastewater treatment plant

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ARCTIC PAPER