



PRODUCT Munken Premium

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 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>	<u>COD</u>	<u>9,31</u>	<u>kg/tonne</u>
	<u>AOX</u>	<u>0,076</u>	<u>kg/tonne</u>
	<u>NTot</u>	<u>0,134</u>	<u>kg/tonne</u>
	<u>PTot</u>	<u>0,049</u>	<u>kg/tonne</u>

<b>Air</b>	<u>SO2</u>	<u>0,072</u>	<u>kg/tonne</u>
	<u>NOx</u>	<u>1,093</u>	<u>kg/tonne</u>
	<u>CO2 (fossil)</u>	<u>241,9</u>	<u>kg/tonne</u>

Solid waste landfilled 17,4 BDkg/tonne

Purchased electricity consumption /tonne of final product 952,8 kWh

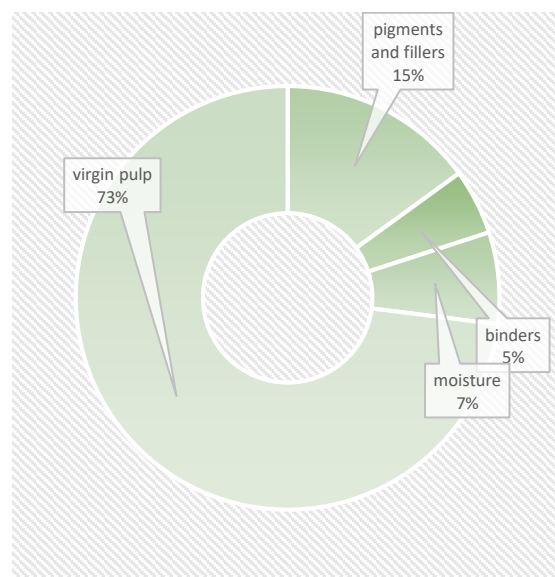
### MORE INFORMATION

Contact Jonas Dahlqvist

Address Arctic Paper Munkedals AB

SE 455 81 Munkedal Sweden

### PRODUCT COMPOSITION



This product contains biomass carbon, equivalent to 1338 kg of CO2 per tonne of product.

Phone +46 (0) 45 171 83

e-mail Jonas.dahlqvist@arcticpaper-com

# Arctic Paper Munkedals AB

## Paper Mill Environmental Declaration

### Product information: Munken Premium by Arctic Paper Munkedals AB

We are still able to read books that were printed hundreds of years ago thanks to high quality paper. Munken Premium Cream and Munken Premium White have been inspired by that genuine quality and are intended to be kept for many future generations. The paper is available in cream shade and natural white, it is a woodfree uncoated paper with a natural surface that provides excellent readability. The paper is suitable for both black and white and 4-colour print and is ideal for beautiful, exclusive printed material. Munken Premium comes in various bulks and grammages and is available in both sheets and reels.

### Mill Environmental Parameters 2021

		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

#### 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

Arctic Paper Munkedals  
 AB SE-45581 Munkedal  
 Phone +46 770 110120  
[eva-lena.petersson@arcticpaper.com](mailto:eva-lena.petersson@arcticpaper.com)

[arcticpaper.com](http://arcticpaper.com)

Eva-Lena Petersson

#### Mill contact

Arctic Paper Munkedals AB SE-45581  
 Munkedal Phone:  
 +46 524 17183  
[jonas.dahlqvist@arcticpaper.com](mailto:jonas.dahlqvist@arcticpaper.com)

[arcticpaper.com](http://arcticpaper.com)

Jonas Dahlqvist



**ARCTIC PAPER**