



PRODUCT Munken Print

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 since 2001

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.

Water	COD	<u>6,40</u>	<u>kg/tonne</u>
	AOX	<u>0,020</u>	<u>kg/tonne</u>
	NTot	<u>0,100</u>	<u>kg/tonne</u>
	PTot	<u>0,044</u>	<u>kg/tonne</u>

Air	SO ₂	<u>0,061</u>	<u>kg/tonne</u>
	NO _x	<u>0,743</u>	<u>kg/tonne</u>
	CO ₂ (fossil)	<u>220,4</u>	<u>kg/tonne</u>

Solid waste landfilled 8,0 BDkg/tonne

Purchased electricity consumption
/tonne of final product 1520,0 kWh

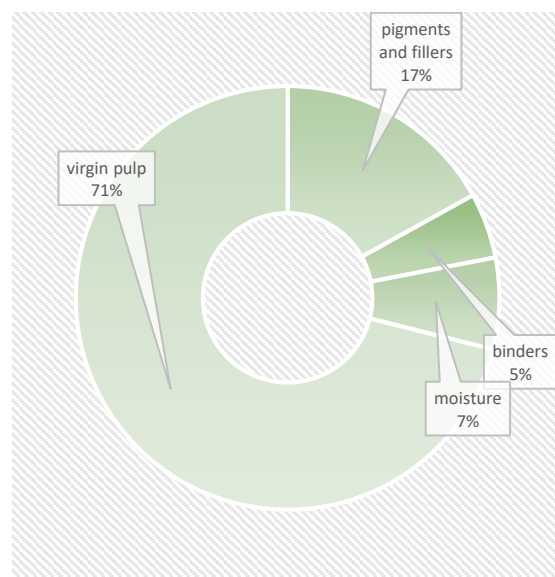
MORE INFORMATION

Contact Jonas Dahlqvist

Address Arctic Paper Munkedals AB

SE 455 81 Munkedal Sweden

PRODUCT COMPOSITION



This product contains biomass carbon, equivalent to 1301 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 Print Cream/White

Our aim with Munken Print Cream and Munken Print White was to develop the ultimate book paper by combining the best properties of woodfree and wood-containing paper. Thus we have created a quality with bulk, strength, surface, readability and printability especially for book production. The result is a high quality book paper with a feel and stiffness suited to most types of books, 4-colour or black and white print. Munken Print White and Munken Print Cream comes in a wide range of bulks and grammages, in sheets and reels.

Mill Environmental Parameters 2021

Mill Environmental Objectives 2022

		Product	BAT ¹	Description ²
Water	Quantity ³	3,806	10-15	M ³ /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 ₂	0,000	0,00	Kg/t
	NO _x	0,099	0,150	Kg/t
	CO ₂	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

Arctic Paper Munkedals
 AB SE-45581 Munkedal
 Phone +46 770 110120
 eva-lena.petersson@arcticpaper.com

arcticpaper.com

Eva-Lena Petersson

Mill contact

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

arcticpaper.com

Jonas Dahlqvist



ARCTIC PAPER