

PRODUCT G-Silk

COMPANY Arctic Paper S.A.

MILL Arctic Paper Grycksbo AB

Information gathered from 2023-01-01 to 2023-12-31 Date of issue 2024-06-05

PRODUCT ENVIRONMENTAL DATASHEET FOR PAPER

ENVIRONMENTAL MANAGEMENT

Certified environmental management system at the mill: ISO 14001 and EMAS-registration since 1997

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

FSC® Chain of Custody License no. DNV-COC-000002

PEFC Chain of Custody License no. DNVSE-PEFC-COC-31

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>20,8</u>	<u>kg/tonne</u>
	AOX	<u>0,04</u>	<u>kg/tonne</u>
	NTot	<u>0,10</u>	<u>kg/tonne</u>
	PTot	<u>0,02</u>	<u>kg/tonne</u>

Air	SO2	<u>0,07</u>	<u>kg/tonne</u>
	NOx	<u>0,80</u>	<u>kg/tonne</u>
	CO2 (fossil)*	<u>68,6</u>	<u>kg/tonne</u>

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

Solid waste landfilled 13,6 BDkg/tonne

Purchased electricity consumption*
/tonne of final product 672 kWh

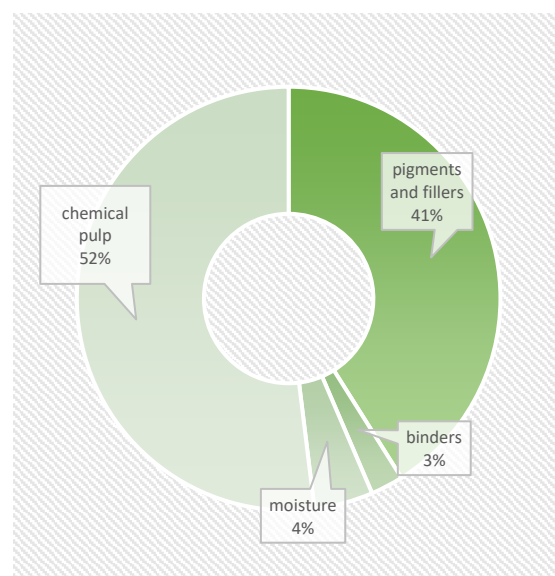
* Any CO2 fossil emissions related to the purchased electricity are not reported.

MORE INFORMATION

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PRODUCT COMPOSITION



This product contains biogenic carbon, equivalent to 963 kg of CO2 per tonne of product.

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Paper Mill Information



Reg.no S-000061

Arctic Paper Grycksbo AB

Paper Mill Environmental Declaration

Product information: G-Silk

G-Silk is a paradox. It is a coated matt paper for demanding image reproduction, yet with significant bulk and stiffness – and a low-reflecting surface which guarantees good readability. G-Silk has a smooth surface for reproduction of high-resolution photographs. Opacity, bulk and stiffness are very high compared to other silk and matt papers. It also has a rich paper feel, outstanding runnability and post-treatment properties. G-Silk is ideal for art books, covers, luxury magazines, Direct Mail, brochures, catalogues, folders, posters, inserts and cards.

The environmental data below reports only emissions from the paper production and not emission in the total production chain from forest to customers.

Mill Environmental Parameters 2023

	Product	BAT ¹	Description ²
Water	Quantity ³	9.4	m ³ /t
	COD	0.47	0.15-1.5 kg/t
	AOX	0.0011	kg/t
	N-tot	0.059	0.01-0.1 kg/t
	P-tot	0.0005	0.003-0.012 kg/t
Air	SO ₂	0	kg/t
	NO _x	0.10	kg/t
	CO ₂	0	kg/t
Energy	Steam	688	kWh/t
	Electricity	1019	kWh/t
Waste	Reuse	34	BDkg/t
	Landfill	0.6	BDkg/t

Mill Environmental Objectives 2024

Strategic suppliers must have at least 70% fossil-free road transport in 2027 (ton*km).
Milestone 2024: 58%

Status description of fossil-free boat transport by adding questions to the transport questionnaire. Evaluated Q2

For more information about environmental objectives, see the EMAS environmental report.

¹ BAT = Best available technique according to EU 2014/687

² All figures expressed per ton of paper

³ Effluent water from wastewater treatment plant

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ARCTIC PAPER