



PRODUCT G-Silk

COMPANY Arctic Paper S.A.

MILL Arctic Paper Grycksbo AB

Information gathered from 2022-01-01 to 2022-12-31 Date of issue 2023-04-01

## ENVIRONMENTAL PRODUCT DECLARATION 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.

<b>Water</b>	COD	5.2	kg/tonne
	AOX	0.04	kg/tonne
	NTot	0.10	kg/tonne
	PTot	0.02	kg/tonne

<b>Air</b>	SO <sub>2</sub>	0.12	kg/tonne
	NO <sub>x</sub>	0.85	kg/tonne
	CO <sub>2</sub> (fossil)	68	kg/tonne

Solid waste landfilled 13 BDkg/tonne

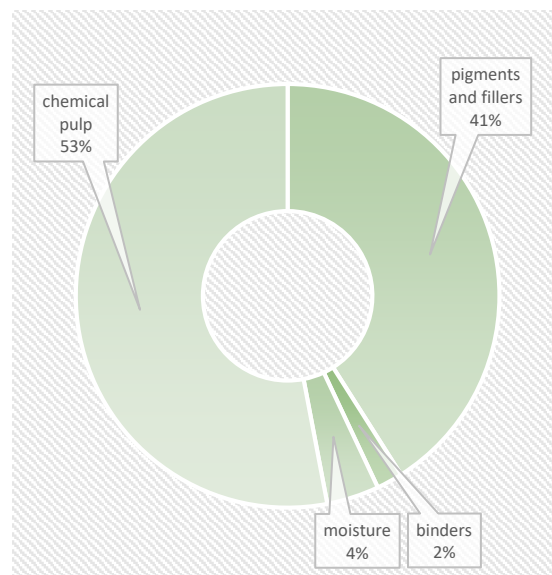
Purchased electricity consumption  
/tonne of final product 666 kWh

### MORE INFORMATION

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### PRODUCT COMPOSITION



This product contains biomass carbon, equivalent to 957 kg of CO<sub>2</sub> per tonne of product.

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## 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 2022

		Product	BAT <sup>1</sup>	Description <sup>2</sup>
<b>Water</b>	Quantity <sup>3</sup>	7.5		m <sup>3</sup> /t
	COD	0.53	0.15-1.5	kg/t
	AOX	0.0014		kg/t
	N-tot	0.033	0.01-0.1	kg/t
	P-tot	0.0004	0.003-0.012	kg/t
<b>Air</b>	SO <sub>2</sub>	0		kg/t
	NO <sub>x</sub>	0.13		kg/t
	CO <sub>2</sub>	0		kg/t
<b>Energy</b>	Steam	985		kWh/t
	Electricity	673		kWh/t
<b>Waste</b>	Reuse	22.6		BDkg/t
	Landfill	0.9		BDkg/t

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

<sup>2</sup> All figures expressed per ton of paper

<sup>3</sup> Effluent water from wastewater treatment plant

#### Mill Environmental Objectives 2023

Strategic suppliers must have at least 70% fossil-free road transport in 2027 (ton\*km).  
Milestone 2023: 55%

Fossil-free in 2030 according to Scope 1 and 2  
Milestone 2023: Define gap and establish action plan.

For more information about environmental objectives, see the EMAS environmental

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**ARCTIC PAPER**