

Munken Pure

Munken Pure ist ein exklusives, cremeweißes ungestrichenes Papier, das sich hervorragend für hochwertige Druckerzeugnisse wie Bücher, Kataloge, Briefpapiere, Zeitschriften, Unterrichtsmaterial und exklusive Werbematerialien eignet. Das Papier ist in Flächengewichten von 80 bis 400 g/m² erhältlich. Munken Pure wird völlig ohne Zusatz von optischen Aufhellern (OBA) hergestellt. Munken Pure verfügt über eine Eignungsgarantie für Laserdruck, Digitaldruck, Preprint und eignet sich zudem ab einem Flächengewicht von 80 g/m² für Inkjetanwendungen. Munken Pure ist im Format und in der Rolle lieferbar – für genauere Informationen wenden Sie sich bitte an unsere Vertriebsmitarbeiter. Munken Pure Standard Produkte sind auf Anfrage FSC- und PEFC-zertifiziert erhältlich.

MUNKEN PURE - (FEB 09)

Flächengewicht (g/m ²)	80	90	100	120	130	150	170	200	240	300 ^b	400 ^b
Opazität (%)	87	89	91	94	94	96	97	98	99	100	100
Dicke (µm)	90	102	113	136	147	170	192	226	271	339	452
Volumen (Dicke/Flächengewicht)	1.13										
Weiß (CIE)	62										
Helligkeit (ISO 2470/D65, %)	80										
Oberflächenrauigkeit (Bendtsen, ml/min)	150										
Empfohlener Raster 133-150 lpi											

Alterungsbeständig, säurefrei gemäß ISO 9706

Die angegebenen Werte sind lediglich Zielvorgaben und können ohne vorherige Bekanntgabe verändert werden. Die jeweils gültigen technischen Spezifikationen und Informationen zu unseren Produkten finden Sie unter www.arcticpaper.com.

^b Laminiertes Papier

Certificate SGS-COC-001693

The management system of

Arctic Paper Munkedals AB

455 81 Munkedal
Sweden

has been assessed and certified as meeting the requirements of



Chain-of-Custody

The company was assessed against the following standards:
FSC-STD-40-004 (V2-0) for manufacturing organisations using FSC Mixed and Recycled and FSC
STD 40-005V2 Controlled Wood

For those products detailed below and derived from a

Well managed forest

**Purchase of pulp (FSC Mixed and FSC Controlled Wood), manufacturing
(Credit system) and sale of uncoated graphic papers as FSC Mixed.**

This certificate is valid from 30 March 2009 until 29 March 2014
Issue 3. Certified since March 2004
SGS Ref # SE-1693

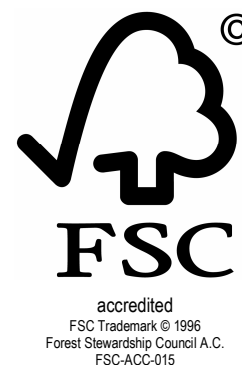
Authorised by

A handwritten signature in black ink, appearing to read 'G. Munkedal'.

SGS South Africa (Pty) Ltd, Qualifor Programme
PO Box 82582 Southdale 2135, 58 Melvill Street Booyens Johannesburg 2091 South Africa
t +27 (0) 11 681-2537 f +27 (0) 11 681-2543 www.sgs.com/qualifor

This certificate remains the property of SGS and shall be returned upon request.

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Chain of Custody of forest based products established at

Arctic Paper Munkedal AB

455 81 Munkedal, Sweden

has been assessed and certified as meeting the requirements of

Programme for the Endorsement of Forest Certification Schemes (PEFC)/Chain of Custody

As required in the PEFC Technical Documents: Annex 4
Chain of Custody of Forest Based Products – Requirements dated 17 June 2005 (www.pefc.org).
for trading of uncoated graphic papers and provides link between those products and
sustainably managed forest.

**Purchase, production and delivery of uncoated graphic papers from the
percentage based method based on Appendix 1, Annex 4, Section 3
(certified material) of the chain of custody standard.**

This certificate is valid from 29 Sept 2008 until 28 Sept 2013
Issue 1. Certified since Sept 2008
SGS Ref # SE-1693

Authorised by



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PEFC / 01 – 4 - 12



C44

Product	Munken Design
Company	Arctic Paper
Mill	Arctic Paper Munkedals AB

Information gathered from 2010-01-01 to 2010-12-31

Date of issue 2011-07-31

Environmental product declaration for paper

Environmental Management

Certified environmental management system at ISO 14001 (2001) EMAS (2002)

Company systems ensure traceability of the origin of wood ☒ yes ☐ no ☐ 100% recovered paper

Environmental aspects of wood procurement : FSC-certified wood and PEFC-certified wood.

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 both paper and pulp production.

Water	COD	12,50	kg/tonne
	AOX	0,10	kg/tonne
	N_{Tot}	0,12	kg/tonne
	P_{Tot}	0,04	kg/tonne

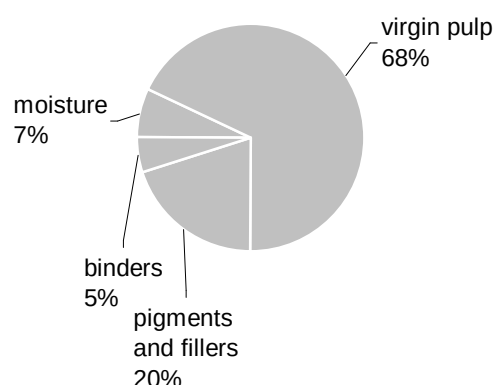
Air	SO₂	1,06	kg/tonne
	NO_x	1,24	kg/tonne
	CO₂ (fossil)	344,18	kg/tonne

Solid waste landfilled 11,20 BDkg/tonne

Purchased electricity consumption

/tonne of final product 696,70 kWh

Product composition



More information

Contact person **Joakim Johansson**

Address Arctic Paper Munkedals AB

SE-45581 Munkedal, Sweden

Phone +46 770 110 120

E-mail joakim.johansson@arcticpaper.com

Arctic Paper Munkedals AB

Paper Mill Environmental Declaration

Product information: Munken Design - Munken Pure/Lynx/Polar

Munken design qualities are exclusive uncoated papers in three shades and two surfaces. The qualities are perfectly suited for high value printed matter as books, catalogues, corporate paper, periodicals, educational materials and high-quality advertising material. The paper is available in grammages between 70 -400 g/m². Munken design qualities are graphical design paper developed for multi-functionality but especially suitable for various kinds of offset printing. Other suitable printing methods are flexo, screen, laser and inkjet printing.

Mill Environmental Parameters 2010

		Product	BAT ¹	Description ²
Water	Quantity ³	4,3	10-15	m ³ /t
	COD	0,59	0,5-2	kg/t
	AOX	0,001	<0,005	kg/t
	N _{tot}	0,035	0,05-0,2	kg/t
	P _{tot}	0,0029	0,003-0,01	kg/t
Air	SO ₂	0,17		kg/t
	NO _x	0,16		kg/t
	CO ₂	168,5		kg/t
Energy	Steam	1757		kWh/t
	Process	656		kWh/t
Waste	Reuse	30,0		BDkg/t
	Landfill	3,2		BDkg/t

¹ BAT = Best available technique according IPPC.

² All figures expressed per ton of paper

³ Effluent water from waste water treatment plant

Mill Environmental Objectives 2011

- Energy - reduce energy consumption at Arctic Paper Munkedals AB through energy saving measures.
- Waste treatment - reduce, by education, the environmental influence from our waste treatment.
- Pollutions - verify possible spreading of ground pollutions.
- Environmental risks - improve the damming of process water.

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

www.arcticpaper.com

Eva-Lena Petersson

Mill contact:

Arctic Paper Munkedals AB
SE-45581 Munkedal
Phone: +46 770 110 120
Fax: +46 524 17 368

www.arcticpaper.com

Joakim Johansson



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