

Provisional Technical Data Sheet

vibers™ PC0702

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Version 03

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Note

vibers™ PC0702 is an unbleached and uncoated paper made from Miscanthus fiber and certified mixed cellulose and is made in a FSC- and PEFC-certified factory.

vibers™ paper is fully recyclable.



Product specification

vibers™ PC0702 is paper in plano sheets from 46 x 64 cm and is made from Miscanthus fiber and certified mixed cellulose. Other dimensions on request.

Foodcontact

vibers™ PC0702 is approved for food contact "dry food".

Applications

It is suitable for laser, inkjet and offset printing.

The paper is good to shiver and pleasant to process. The paper has a high fold number making it suitable for folders.

Other applications are (note)books, labels, annual reports, certificates, diplomas, menus, invitations, corporate identity, compliment cards, post cards, packaging, hobby paper etc.

Transport, storage and shelflife

The flatness of this paper is guaranteed at a relative humidity between 45 and 55% at a temperature between 20 and 23°C. It is recommended that the printing room has comparable climatic conditions. The paper should be kept as long as possible in the mill-wrapper before use. Extreme changes in temperature and humidity should be avoided.

Preliminary Specification

vibers™ paper	90 grms	120 grms*	300 grms	550 grms		
Parameter	Guide value	Guide value	Guide value	Guide value	Unit	Test method
Substance	90 +/- 4	120 +/- 5	300 +/- 12	550 +/- 20	g/m2	ISO 536
Miscanthus fibre content	8 - 10	8 - 10	8 - 10	8 - 10	%	
Thickness	120 +/- 7	155 +/- 9	390 +/- 20	710 +/- 40	µm	ISO 534
Thickening**	1,33	1,29	1,3	1,29	cm ³ /gram	
Moisture content	6,75 +/- 0,25	6,75 +/- 0,25	6,75 +/- 0,25	6,75 +/- 0,25	%	ISO 286
Cobb 60" water FS en WS	<26	<26	<26	<26	g/m2	ISO 535
Surface Roughness Bendtsen TS	300 +/- 100	300 +/- 100	300 +/- 100	300 +/- 100	ml/min	ISO 8791
Surface Roughness Bendtsen WS	300 +/- 100	300 +/- 100	300 +/- 100	300 +/- 100	ml/min	ISO 8791
Relative Humidity	50 +/- 10	50 +/- 10	50 +/- 10	50 +/- 10	%	NEN 1108

* Available as enveloppes C5, C6 & Carré

** Note: Pls. always make a sample first

Typical Values

vibers™ paper	90 grms	120 grms	300 grms	550 grms		
Parameter	Guide value	Guide value	Guide value	Guide value	Unit	Test method
Bending resistance MD	48	96	2807	3272	mN	ISO 5628 NEN 1842
Bending resistance CD	30	57	1786	2329	mN	ISO 5628 NEN 1842
Surface Roughness Bendtsen TS	187	180	433	750	ml/min	ISO 8791 NEN 2012
Surface Roughness Bendtsen WS	273	200	443	800	ml/min	ISO 8791 NEN 2012
Porosity Bendtsen	190	180	260	300	ml/min	NEN 2015
Tensile Strength MD	6170	6423	3879	4830	N/m	ISO 1924
Tensile Strength CD	3703	3315	2313	3626	N/m	ISO 1924
Folding endurance Schopper	25	16	11	-		NEN - ISO 5626:2000

For more information please contact:

vibers™
Jupiter 410
2675LX Honselersdijk
The Netherlands
+31 (0)174 - 725812
hallo@vibers.nl
www.vibers.nl