

Smooth Absolute White

Grammage gm ²	Stiffness (Taber 15°) MD mNm	ISO 2493 CD mNm	Thickness Micron
120	0.5	0.4	136
135	0.7	0.5	153
160	1.3	0.9	182
250	5.4	3.1	284
330	11	6.3	375
+/-5%	Tolerance		+/-7.5%

Smooth Soft White & Smooth Vanilla

Grammage gm ²	Stiffness (Taber 15°) MD mNm	ISO 2493 CD mNm	Thickness Micron
120	0.4	0.3	132
135	0.8	0.5	148
160	1.2	0.6	176
250	4.1	2.0	275
330	10	4.9	363
+/-5%	Tolerance		+/-7.5%

Recycled

Grammage gm ²	Stiffness (Taber 15°) MD mNm	ISO 2493 CD mNm	Thickness Micron
120	0.4	0.3	133
135	0.6	0.4	150
160	1.1	0.7	168
250	3.9	2.5	257
330	9.5	5.4	344
+/-5%	Tolerance		+/-7.5%

Grammage (gm ²)	120	135	160
Opacity (ISO %)			
Non-Recycled	93	94	96
Recycled	94	96	97

Matt Absolute White

Grammage gm ²	Stiffness (Taber 15°) MD mNm	ISO 2493 CD mNm	Thickness Micron
120	0.9	0.6	167
135	1.2	0.7	188
160	2.2	1.4	222
250	8.2	5	347
330	16.3	10.2	458
+/-5%	Tolerance		+/-7.5%

CIE whiteness (D65-10°) (UV included)	
Absolute White	145
Recycled	147

Smoothness ISO 8791-2 Bendtsen ml/min	
Smooth	50
Matt	350

All data are typical figures

applications

Naturalis is perfect for:

- Report and accounts
- Corporate brochures
- All kinds of high quality promotional literature.

Naturalis

printing guidelines

- **Suitable Processes:** Litho, letterpress, silkscreen, embossing, foil blocking, die stamping and thermography.
- **Printing Inks:** Naturalis is an uncoated sheet which requires appropriate inks to enable ink drying. Conventional positive drying inks are suitable, including IR assist. UV curing inks can also be used. Press open inks should be avoided.
- **Screen Size:** Screen ruling up to 150dpi. Finer screens may be possible on the smooth finish, depending on the job.
- **Folding and Creasing:** To ensure good results, we recommend prior creasing.
- **Laser and Inkjet Printing:** The smooth finish up to 135 gm² is guaranteed for pre-printing and subsequent use on desktop mono laser and inkjet printers, subject to the manufacturer's guidelines on weights and compatibility. Laser stable inks must be used for pre-printing.

Product information

Naturalis has been developed to give exceptional printing performance. Superb formation, surface treatment and high opacity are combined to maximise the visual and tactile impact of your message.

Naturalis is made on twin wire machines and combines a unique smoothness and crispness with superb print performance.

Naturalis conforms to ISO9706 requirements for permanence and as such is suitable for archival use or applications requiring 'acid-free' paper.

Naturalis complies with the packaging (Essential Requirements) Regulation 1998; S11165; for heavy metal content.

Naturalis is made from 100% Elemental Chlorine Free woodpulp, sourced from carefully managed and renewed forests. Naturalis is fully recyclable and is manufactured to precise and controlled standards. Tullis Russell is registered under the BS EN ISO 9001-2000 quality assurance scheme and the ISO14001 environmental standard.

Naturalis Recycled contains woodpulp from well managed forests certified in accordance with the rules of the Forest Stewardship Council.

Smooth

gm ²	120			135			160			250			330		
size (cm)	45x64	64x90	72x102	45x64	64x90	72x102	45x64	64x90	72x102	45x64	64x90	72x102	45x64	64x90	72x102
Smooth Absolute White	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Smooth Soft White	✓	✓	✓		✓	✓		✓	✓			✓			✓
Smooth Vanilla	✓	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓

Matt

gm ²	120	135	160	250	330
size (cm)	72x102	72x102	72x102	72x102	72x102
Matt Absolute White	✓	✓	✓	✓	✓

Recycled

gm ²	120	135	160	250	330
size (cm)	72x102	72x102	72x102	72x102	72x102
Recycled	✓	✓	✓	✓	✓



TT-COC-2032

Naturalis Recycled contains woodpulp from well managed forests certified in accordance with the rules of the Forest Stewardship Council.
©1996 Forest Stewardship Council A.C.

Range chart

Naturalis

UK Sales

Markinch
Glenrothes
Fife
KY7 6PB.
Tel: 01592 761110
Fax: 01592 761222
E-mail: papermakers@trg.co.uk

UK Samples and Information

Freephone Designline
0800 74 74 77
Fax: 01592 610672
Online: www.designlineonline.co.uk

Export Sales

Markinch
Glenrothes
Fife
KY7 6PB
Scotland
Tel: +44 (0) 1592 761212
Fax: +44 (0) 1592 610364

Tullis Russell, Inc.

55 Walls Drive
Suite 402
Fairfield CT 06824
USA
Tel 203 256 9522
Fax 203 256 8306

Tullis Russell France

Ventes Tel: 0800 90 38 60
Ventes Fax: 0800 90 38 93

Tullis Russell Germany GmbH

Germany Tel: 0800 1 817 464
Fax: 00 44 1592 662 819
Austria, Switzerland,
Central Europe
Tel: 00 44 159 276 1377

Tullis Russell Benelux BV

Belgium Tel: 03/2169049
Fax: 03/2163192
Netherlands Tel: 0418 517 195
Fax: 0418 517 479

Tullis Russell 
PAPERMAKERS