

Product: Knight Smooth Digital

Category: Small Format Digital - Specialty Paper

Mill: Gruppo Cordenons SA

Website: www.gruppocordenons.com

Country of Origin: Italy

Technical specifications:

Basis Weight	g/m ²	90	105	120	140	170	200	225	280	300	350	400
Thickness	µm ISO 534	97±6	114±7	130±8	151±9	182±11	216±13	243±15	372±22	318±16	372±22	427±26
Smoothness Bendsten-wire side	ml/min	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30
Smoothness Bendsten-wire side	ml/min	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30	50±30
Brightness	% ISO 2470	111±2	111±2	111±2	111±2	111±2	111±2	111±2	111±2	111±2	111±2	111±2
CIE Whiteness D65/10+UV	ISO 11475	159	159	159	159	159	159	159	159	159	159	159
Stiffness MD	mN ISO 2493	6.4±2	-	-	-	-	-	-	158±40	175±43	204±51	-
Stiffness CD	mN ISO 2493	4.0±1	-	-	-	-	-	-	79±20	84±21	125±32	-
Cobb. 1 min (multisheet) top	g/m ² ISO 535	24±4	24±5	24±5	24±5	24±5	24±5	24±5	24±4	24±4	24±4	24±5
Cobb. 1 min (multisheet) back	g/m ² ISO 535	24±4	24±5	24±5	24±5	24±5	24±5	24±5	24±4	24±4	24±4	24±5

These characteristics are average values supplied for guidance purposes

Basis Weight	g/m ²	100	120	140	280	350
Thickness mm	µm	109±7	130±8	151±9	300±18	375±23
Smoothness Bendsten-wire side	ml/min	50±30	50±30	50±30	50±30	50±30
Smoothness Bendsten-wire side	ml/min	50±30	50±30	50±30	50±30	50±30
Brightness	% ISO 2470	80±2	80±2	80±2	80±2	80±2
Cobb. 1 min (multisheet) top	g/m ² ISO 535	24±5	24±5	24±5	24±5	24±5
Cobb. 1 min (multisheet) back	g/m ² ISO 535	24±5	24±5	24±5	24±5	24±5

These characteristics are average values supplied for guidance purposes

Certificates

- FSC Certified: Mix, ISO 9001 Quality Management System

Recommended Printing Tips

Screen rulings of 150 lpi to 200 lpi are recommended along with the use of fully oxidising inks. The super-calendered surface gives higher ink hold out but can take longer to dry. Reducing ink and fountain solution and stacking in small lots is recommended. When scoring 350 & 400gsm. We recommend a 2 or 3 point rounded rule.

Print & Finish Suitability

<input checked="" type="checkbox"/> Creasing	<input checked="" type="checkbox"/> Foiling	<input checked="" type="checkbox"/> Laser
<input checked="" type="checkbox"/> Die-Cutting	<input checked="" type="checkbox"/> Folding	<input checked="" type="checkbox"/> Scoring
<input checked="" type="checkbox"/> Digital	<input checked="" type="checkbox"/> Inkjet	<input checked="" type="checkbox"/> Varnishing
<input checked="" type="checkbox"/> Embossing	<input type="checkbox"/> Film Laminating	<input checked="" type="checkbox"/> Screen Ruling: 150-200 lpi
<input type="checkbox"/> Other:		

Applications

<input checked="" type="checkbox"/> Annual Reports	<input checked="" type="checkbox"/> Direct Mail	<input type="checkbox"/> Outdoor Use
<input checked="" type="checkbox"/> Brochures	<input checked="" type="checkbox"/> Folders	<input checked="" type="checkbox"/> Packaging
<input checked="" type="checkbox"/> Corporate Identity	<input checked="" type="checkbox"/> Invitations	<input checked="" type="checkbox"/> Presentation Material
<input checked="" type="checkbox"/> Other: Swing tags, Cards, Point of Sale, Envelopes		

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Environmental specifications:

Fibre

- | | |
|---|--------------------------------|
| <input checked="" type="radio"/> Virgin: Manufactured with 100% virgin fibre. | <input type="radio"/> Recycled |
|---|--------------------------------|

Forestry Certification

- | | | |
|--|---|---|
| <input checked="" type="radio"/> FSC Mixed Sources | <input type="radio"/> FSC 100% Recycled | <input type="radio"/> SFI Certified |
| <input type="radio"/> FSC Mixed Sources/Recycled | <input type="radio"/> PEFC Certified | <input type="radio"/> Mill's own procurement policy |

Recycled

- | | | |
|---|--|------------------------------------|
| <input type="radio"/> Post Consumer Waste: 0% | <input type="radio"/> Pre Consumer Waste: 0% | <input type="radio"/> Fibre Source |
|---|--|------------------------------------|

Whitening Process

- | | | |
|--|---|---|
| <input checked="" type="radio"/> Elemental Chlorine Free | <input type="radio"/> Totally Chlorine Free | <input type="radio"/> Process Chlorine Free |
|--|---|---|

Environmental Awards or Accreditations

- | | | |
|-------------------------------------|------------------------------------|----------------------------------|
| <input type="radio"/> ISO 14001 EMS | <input type="radio"/> EMAS | <input type="radio"/> Blue Angel |
| <input type="radio"/> Nordic Swan | <input type="radio"/> Eu Eco-label | <input type="radio"/> NAPM |
| <input type="radio"/> Green Seal | <input type="radio"/> Eugropa | <input type="radio"/> Other: |

Water, Air & Waste

Water: Cordenons monitor and recycle all water in accordance with legal requirements.

Waste: Cordenons recycle and re-utilise all waste where possible.

Additional Information

Cordenons have a thorough fibre procurement policy that stipulate they only purchase fibre from responsibly managed forests.

Congratulations on making an environmentally responsible paper choice.
If you would like to include a product attribution statement on the back of your work, please submit your request to your nearest sample department or contact your sales representative.

Updated: 04.18