

TECHNICAL FACT SHEET

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Product: HannoArt A2+

Category: Coated

Mill: Sappi Mill

Website: www.sappi.com

Country of Manufacture: Germany

Technical Specifications - Gloss

| | | | | | | | | | |
|-----------------------------|---------------------|------|------|------|------|------|------|------|-------|
| Basis Weight | g/m ² | 115 | 130 | 150 | 170 | 200 | 250 | 300 | 350 |
| Thickness | µm ISO 534 | 82 | 91 | 107 | 124 | 148 | 185 | 228 | 273 |
| Smoothness | | | | | | | | | |
| Roughness PPS | µm ISO 8791-4 | 0,7 | 0,7 | 0,7 | 0,7 | 0,7 | 0,7 | 0,7 | 0,7 |
| Rigidity | | | | | | | | | |
| Opacity | % ISO 2471 | 93,5 | 94,5 | 96 | 97 | 98 | 98,5 | 99 | 99,5 |
| Brightness D65/10° | % ISO 2470 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 |
| CIE Whiteness | (D65/10°) ISO 11475 | 126 | 126 | 126 | 126 | 126 | 126 | 126 | 126 |
| Gloss | % TAPPI T 480 (MD) | 76 | 76 | 76 | 76 | 76 | 77 | 77 | 77 |
| pH Value/Archival | ISO 6588 | >7 | >7 | >7 | >7 | >7 | >7 | >7 | >7 |
| Relative Humidity | % TAPPI 502 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Porosity | | | | | | | | | |
| Stiffness MD | ISO 5628 mN.m | 0,31 | 0,48 | 0,90 | 1,27 | 2,10 | 3,79 | 7,56 | 11,57 |
| Stiffness CD | ISO 5628 mN.m | 0,23 | 0,35 | 0,66 | 0,92 | 1,50 | 2,35 | 4,97 | 7,78 |
| Surface Strength | | | | | | | | | |
| Cobb. 1 min (multisheet) | | | | | | | | | |

These characteristics are average values supplied for guidance purposes

TECHNICAL FACT SHEET

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Technical Specifications - Silk

| | | | | | | | | | |
|-----------------------------|------------------|------|------|------|------|------|------|-------|-------|
| Basis Weight | g/m ² | 115 | 130 | 150 | 170 | 200 | 250 | 300 | 350 |
| Thickness | µm ISO 534 | 101 | 114 | 134 | 156 | 176 | 225 | 282 | 347 |
| Smoothness | | | | | | | | | |
| Roughness PPS | ISO 8791-4 | 2,2 | 2,1 | 2,1 | 2,1 | 1,5 | 1,5 | 1,7 | 1,9 |
| Rigidity | | | | | | | | | |
| Opacity | % ISO 2471 | 94 | 96 | 98 | 98 | 98 | 98,5 | 99 | 99,5 |
| Brightness D65/10° | % ISO 2470 | 101 | 101 | 101 | 101 | 101 | 101 | 101 | 101 |
| CIE Whiteness | ISO 11475 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 |
| Gloss | % TAPPI T 480 | 25 | 25 | 25 | 25 | 23 | 23 | 23 | 23 |
| pH Value/Archival | ISO 6588 | >7 | >7 | >7 | >7 | >7 | >7 | >7 | >7 |
| Relative Humidity | % TAPPI 502 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Porosity | | | | | | | | | |
| Stiffness MD | ISO 5628 mN.m | 0,42 | 0,69 | 1,21 | 1,84 | 3,11 | 6,81 | 13,25 | 21,90 |
| Stiffness CD | ISO 5628 mN.m | 0,25 | 0,41 | 0,68 | 1,10 | 1,96 | 4,54 | 8,30 | 12,88 |
| Surface Strength | | | | | | | | | |
| Cobb. 1 min (multisheet) | | | | | | | | | |

These characteristics are average values supplied for guidance purposes

Certificates

FSC Certified - Mixed Sources, ISO 9706: Long Life Span, ISO 14001 Environmental Management System,

EMAS Certified and OHSAS 18001 accredited.

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Recommended Printing Tips

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Print & Finish Suitability

- | | | |
|---|---|--|
| <input checked="" type="checkbox"/> Creasing | <input checked="" type="checkbox"/> Foiling | <input type="checkbox"/> Laser |
| <input checked="" type="checkbox"/> Die-Cutting | <input checked="" type="checkbox"/> Folding | <input checked="" type="checkbox"/> Scoring |
| <input type="checkbox"/> Digital | <input type="checkbox"/> Inkjet | <input checked="" type="checkbox"/> Varnishing22 |
| <input checked="" type="checkbox"/> Embossing | <input checked="" type="checkbox"/> Film Laminating | <input checked="" type="checkbox"/> Screen Ruling: 175 - 250 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 type="checkbox"/> Packaging |
| <input checked="" type="checkbox"/> Corporate Identity | <input type="checkbox"/> Invitations | <input checked="" type="checkbox"/> Presentation Material |
| <input checked="" type="checkbox"/> Other: Promotional Material, Prospectuses, Calendars, Magazines, Photography books. | | |

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