

Technical specification sheet

Ball & Doggett
ballanddoggett.com.au

Product: HannoArt Plus Digital Gloss and Silk

Category: Small Format Digital - Coated

Mill: Sappi Mills - Gratkorn Mill, Austria; Stockstadt Mill, Germany; Maastricht Mill, Netherlands

Website: www.sappi.com

Country of Origin: Austria / Germany / Netherlands

Technical specifications:

Gloss											
Basis Weight	ISO 536 g/m ²	90	100	115	130	150	170	200	250	300	350
Thickness	ISO 534 µm	70	78	91	104	121	139	166	225	282	343
Bulk	ISO534 cm ³ /g	0.78	0.78	0.79	0.80	0.81	0.82	0.83	0.90	0.94	0.98
Roughness PPS	ISO 8791-4 µm	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Opacity	ISO 2471 %	92	93	95	96	97.5	98	99	99.5	100	100
Brightness	ISO 2470-2 %	96	97	98	98	98	98	98	98	98	98
CIE Whiteness D65/10	ISO 11475 %	124	125	126	126	126	126	126	126	126	126
Gloss TAPPI 75°	ISO 8254-1 %	65	65	65	65	65	65	65	65	65	65
pH Value	ISO 6588	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7
Relative Humidity 23°C	TAPPI 502 %	50	50	50	50	50	50	50	50	50	50

These characteristics are average values supplied for guidance purposes

Silk											
Basis Weight	g/m ² ISO 536	90	100	115	130	150	170	200	250	300	350
Thickness	µm ISO 534	86	95	109	124	143	162	190	238	300	368
Roughness	µm ISO 8791-4	2.5	2.5	2.2	2.2	2.0	2.0	2.0	1.5	1.7	1.9
Opacity	% ISO 2471	92.5	94	95.5	96.5	98	98.5	99	99.5	100	100
Brightness	% ISO 2470-2	100	100	100	100	100	100	100	100	100	100
CIE Whiteness D65/10	ISO 11475 %	127	127	127	127	127	127	127	127	127	127
Gloss Tappi 75°	% ISO 8254-1	35	35	35	35	35	35	35	35	35	35
Relative Humidity 23°C	TAPPI 502 %	50	50	50	50	50	50	50	50	50	50
pH Value/Archival	ISO 6588	>7	>7	>7	>7	>7	>7	>7	>7	>7	>7

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Certificates

- FSC Certified: Mix, ISO 14001 Environmental Management System, ISO 9001 Quality Management system,
- Carbon Neutral optional, EMAS certified and OHAS 18001 accredited, Food Contact approved.

Recommended Printing Tips

Under Colour Removal (UCR) is recommended for dot areas over 320%. Ideal press room conditions should be 50% $\pm$ 5% relative humidity at 20°C. Stack temperature should not exceed 37°C when infra red drying methods are used. Suitable for UV cure inks. 170gsm up should be scored before folding.

Print & Finish Suitability

☒ Creasing	☒ Foiling	☐ Laser
☒ Die-Cutting	☒ Folding	☒ Scoring
☐ Digital	☐ Inkjet	☒ Varnishing
☒ Embossing	☒ Film Laminating	☒ Screen Ruling: All existing half tone technologies
☐ Other:		

Applications

☒ Annual Reports	☒ Direct Mail	☐ Outdoor Use
☒ Brochures	☒ Folders	☐ Packaging
☒ Corporate Identity	☐ Invitations	☒ Presentation Material
☒ Other: Promotional material, prospectuses, calendars, magazines, photography books.		

Digital Compatibility

- HP Indigo Certified
- Qualified for Dry Toner machines