Product Specification Sheet

B&D
ballanddoggett.com.au

Product: ecoStar+ 100% Recycled Uncoated - Indigo

Category: Small Format Digital | Uncoated

Product description

By Choosing ecoStar+, you will never have to make a choice between whiteness and environmental credentials. ecoStar+is the innovative range of extra-white 100% recycled papers. With FSC Recycled certification, ecoStar+ offers an smooth surface, consistent finish, excellent printability and outstanding opacity

Advantages

- High whiteness – CIE 150 rating
- Manufactured with 100% Post consumer waste
- European Union Eco Label certification
- Carbon Neutral*
- Manufactured under ISO 14001 Environment management standard
- Acid Free: Produced in pH neutral and low alkaline sphere (pH value 8-9)

Printing recommendations

- Guaranteed for Offset litho
- Sheets suitable for letter press
- Suitable for use in mono and color laser printers
- Recommended fount solution pH 5.5 +/- 0.5
- Suitable for sheet offset, heat set web offset, laser and narrow web offset presses
- Suitable for IR-drying and UV-curing
- Suitable for all offset, UV and acrylic varnishes

Converting recommendations :

- Suitable for blind embossing - avoid sharp edges on tools
- Suitable for hot-foil blocking / cold foil blocking
- Suitable for die cutting and perforation
- Folding pre-creasing recommended for >150 gsm
- Suitable for clamps, wire thread and adhesive binding

Weight Range
80, 90, 100, 120, 135, 160, 250, 300 & 350gsm

Sheet Sizes
Available in the following sheet sizes:
450x320, 750x530

			80	90	100	120	135	160	250	300	350
Basis weight	g/m²	ISO 536	80 ± 3	90 ± 3	100 ± 3	120 ± 4.0	135 ± 5	160 ± 4	250 ± 5	300 ± 8	350 ± 10
Caliper	µm	ISO 534	106 ± 3	119 ± 3	130 ± 4	154 ± 4	181 ± 5	196 ± 5	318 ± 6	380 ± 8	450 ± 10
Opacity	%	ISO 2471	93.0 ± 1	94.0 ± 1	96.5 ± 1	97.5 ± 1	98 ± 1	98.5 ± 1	100	100	100
Moisture abs.	%	ISO 287	4.6 ± .6	4.6 ± .6	4.6 ± .6	4.6 ± .6	4.6 ± .6	5.2 ± .6	5.2 ± .6	5.2 ± .6	5.2 ± .6
Brightness UV	%	ISO 2470	104.0 ± 3	104.0 ± 3	104.0 ± 3	104 ± 3	104 ± 3	104.0 ± 3	104.0 ± 3.0	104 ± 3	104 ± 3
CIE Whiteness	%	ISO 11475	150 ± 3	150 ± 3	150 ± 3	150 ± 3	150 ± 3	150 ± 3	150 ± 3.0	150 ± 3	150 ± 3

Product meets EN 12281, requirements for copy paper for dry toner imaging processes and DIN6738, ageing resistance. Production processes are certified according to ISO 9001, ISO 14001 and OHSAS 18001. Standard measurement uncertainty between laboratories is not incorporated.

Certifications

EU Ecolabel www.ecolabel.eu EU Ecolabel: FR/011/003

FSC www.fsc.org FSC® C021878 The mark of responsible forestry
FSC® Recycled certified (No. FSC-C021878)

PROCESS CHLORINE FREE

∞ DIN 6738

HEAVY METAL ABSENCE

TOYS COMPLIANCE

afaq ISO 50001 Énergie AFNOR CERTIFICATION

afaq QSE Qualité Sécurité Environnement AFNOR CERTIFICATION

REACH

Ball & Doggett