RecyStar® Nature

PAPYRUS

Offset paper, natural white, uncoated, matt finish, made from 100% recycled fibre, preprint guarantee 80 - 100 g/m²

Basis weight	ISO 536	g/m²	70	80	90	100	115	135	150	170	190	250	300
Thickness / Caliper	ISO 534	µm	84	96	108	120	138	160	180	204	230	300	360
Specific Volume / Bulk	ISO 534	cm³/g	1,20	1,20	1,20	1,20	1,20	1,20	1,20	1,20	1,20	1,20	1,20
CIE Whiteness	ISO 11475	%	90	90	90	90	90	90	90	90	90	90	90
ISO Brightness	ISO 2470-1	%	80	80	80	80	80	80	80	80	80	80	80
Opacity	ISO 2471	%	91	93	95	96	97	98	98	98	98	98	98
Moisture (relative)	Tappi 502	%	45	35	35	35	45	45	45	45	45	45	45
Cobb value 60 sec.	ISO 535	g/m²	30	30	30	30	30	30	30	30	30	30	30
Smoothness (Bendtsen)	ISO 8791-2	ml/min	140	140	140	140	140	140	140	140	180	140	140

All properties are according to mill measurements that may be subject to fluctuations which are customary within the industry.

Applications

- Environmental reports, Flyers, Magazines, Manuals, Newsletters, Brochures, Business documents, Business stationary, Catalogues, Direct mails, Notebooks, Pricelists, Promo cards, Schoolbooks, Children books, Reading books, Writing pads, Tags, Posters

Technical product certificates and information

- Aging resistance (DIN 6738)
- Guaranteed preprint quality for 80, 90, 100 g/m²

Enviromental product certificates and information

- FSC®
- European Ecolabel (EU Flower)
- Nordic Ecolabel (Nordic Swan)
- German Ecolabel (Blue Angel)
- Process chlorine free (PCF)

FSC www.fsc.org The mark of responsible forestry FSC® C004423

EU Ecolabel www.ecolabel.eu

NORDIC ECOLABEL

BLAUER ENGEL DAS UMWELTZEICHEN www.blauer-engel.de/uz14a

Supplier certificates

- FSC®
- PEFC™
- Environmental Management System (ISO 14001)
- Quality Management System (ISO 9001)
- Occupational Health and Safety Management System (OHSAS 18001)

Technical capability

Printing technologies:	Absorbent substrate that is suitable for offset, UV-offset and screen printing. A sufficient quantity of printing powder with an appropriate particle size has to be considered.
Screen ruling:	All conventional screen rulings up to 60 l/cm (150 lpi) are applicable. When using other screen technologies, tests are recommended before print production.
Printing inks:	Suitable for inks drying by absorption and oxidation (Offset) and UV-inks.
Ink drying:	The drying process of the conventional offset ink is entirely completed within 24 to 48 hours, depending on the thickness of the ink film.
Printing pressure:	Standard pressure. Slightly increased pressure on bulky papers and usage of soft rubber blankets is recommended.
Finishing:	Varnishing with overprint and water-based varnishes, as well as hot foil stamping, embossing and die-cutting are applicable. A finishing with UV-varnish has to be checked in advance and could require a pre-coating with a primer.
Hot foil stamping:	suitable
Creasing & folding:	In order to obtain the best possible folding results, the folding process has to be prepared via creasing, while the common standard values for creasing have to be considered.
Handling information:	The flatness of this paper is guaranteed at a relative humidity between 45 and 55% at a temperature between 20 and 23°C. It is recommended that the printing room has comparable climatic conditions. The paper should be kept as long as possible in the mill-wrapper before use. Extreme changes in temperature and humidity should be avoided.

For all printing and processing techniques, the recommendations of the manufacturers of machines, inks, adhesives, laminating and embossing foils, etc. are to be followed. For damages caused by faulty implementation of printing and processing, Papyrus cannot accept any liability.

Can be subject to printing errors and modifications