FocusLabel® Bagasse

PAPYRUS

Label paper, white, uncoated, matt finish, wet-strength, made of alternative and fast-growing raw material (e.g. sugar cane)

Basis Weight	**ISO 536**	**g/m²**	**90**
Thickness / Caliper	ISO 534	µm	120
Specific Volume / Bulk	ISO 534	cm^3/g	1,33
CIE Whiteness	ISO 11475	%	135
Opacity	ISO 2471	%	91,0
Bending resistance (L&W 15° MD)	ISO 2493-1	m/N	1,4
Bending resistance (L&W 15° CD)	ISO 2493-1	m/N	0,9
Roughness (Bendtsen)	ISO 8791-3-2	ml/min	600
Moisture (absolute)	ISO 287	%	6,5
Cobb value 60 sec.	ISO 535	g/m²	30
Tensile strenght (dry - MD)	ISO 1924-2	N/15mm	65

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

Applications

- Labels for non-returnable bottles, Labels and banderols

Environmental product certificates and information

- Elemental chlorine free (ECF)

Supplier certificates

- Quality Management System (ISO 9001)

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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 on uncoated papers and up to 80 l/cm (200 lpi) on coated papers. When using other screen ruling 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.
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
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.