

## PRODUCT SPECIFICATION



### LIBNA PRINT

Improved newsprint;  
made mainly from recycled fibres.

PROPERTY		UNIT	VALUE						
Grammage	ISO 536	g/m <sup>2</sup>	48.8	52	55	60	70	80	± 2%
Opacity	ISO 2471	%	91	92	93	95	95	95	min.
Specific volume	ISO 534	cm <sup>3</sup> /g	1.3-1.4	1.3-1.4	1.3-1.4	1.3-1.4	1.3-1.4	1.3-1.4	± 4%
Ash	ISO 2144	%	15	15	15	15	15	15	± 3
Moisture	ISO 287	%	7.5	7.5	7.5	7.5	7.5	7.5	± 0.5
Breaking strength	ISO 1924	N	36	36	36	36	36	36	min.
Brightness (R 457)	ISO 2470	%	70.0	70.0	70.0	70.0	70.0	70.0	± 2.5
Colour	ISO 5631-2								
L			87	87	87	87	87	87	± 2
a			0.0	0.0	0.0	0.0	0.0	0.0	± 0.5
b			0.0	0.0	0.0	0.0	0.0	0.0	± 1.5

### OTHER CHARACTERISTICS

Reel dimensions:

- a) width (cm): 25 – 196 (combination of max. 13 reels)
- b) diameter (mm): max. 1250

Reel marks:

- a) inner side: unwinding direction mark
- b) joints - marked: max. 2 per reel
- c) outer side: producer's name, paper grade, order, reel No., grammage (g/m<sup>2</sup>), reel width & diameter (cm), reel length (m), core diameter (cm), gross weight (kg), PM, PO, date

Sheet dimensions:

A1 (B1) – A0 deviations according to the ISO 216 Standard

Pallet marks:

producer's name, paper grade, order, pallet No., sheet size (mm), grain direction, grammage (g/m<sup>2</sup>), number of sheets, PO, theor. & gross & net weight (kg)

### APPLICATION

For newspapers, periodicals, advertising materials and books in black&white and multi-colour heat-set and cold-set offset printing; also for sheet-fed printing

### PACKING

Reels wrapped in multiple layers of waterproof paper laminate.

### NOTES

**Ecological grade; ECF;** made from recycled fibres obtained from recovered paper in deinking process.

**FSC®:** FSC Mix Credit certified product can be provided upon request.

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