

## GardaBook White 1.2

### Description:

Lecta's high white uncoated woodfree paper.

High white uncoated paper for the publishing market, specially produced from woodfree pulp for excellent machine performance.

Designed for offset printing, guaranteed for digital laser and pre-print laser, and recommended by major digital printing press manufacturers.

Available in a wide range of substances and formats, in sheets and reels.

### End uses:

Books, Brochures, Catalogues, Covers, Direct mail, Folders, Inserts, Packaging, Postcards

### Print methods:

Digital, Flexo, Laser/Dry toner, Offset, Rotogravure

### Certificates:

- [PEFC Chain of Custody \(multisite\)](#)
- [FSC Chain of Custody \(multisite\)](#)
- [REACH regulation Lecta](#)
- [ISO 14001 Environment](#)
- [EMAS Zaragoza mill](#)
- [ISO 50001 Energy Efficiency](#)
- [ISO 9001 Quality](#)
- [ISO 45001 Health and Safety - Leta](#)

For further details regarding compliance with food contact regulation, please contact our sales teams.

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### Technical specifications

Property	Test Method	Unit	Tolerance	60	70	80	90	100	120	140	160	170	190	250	300	350
Substance	ISO 536	g/m <sup>2</sup>	±4%	60	70	80	90	100	120	140	160	170	190	250	300	350
Thickness	ISO 534 TAPPI T411	µm	±4%	73	84	96	108	119	142	164	185	196	218	287	345	407
Bulk	ISO 534 TAPPI T411	cm <sup>3</sup> /g	-	1.20	1.20	1.20	1.20	1.19	1.18	1.17	1.16	1.15	1.15	1.15	1.15	1.15
Opacity	ISO 2471 TAPPI T519	%	-2.0	87.0	91.0	93.0	95.0	96.0	98.0	99	99.0	-	-	-	-	-
Brightness R457/D65	ISO 2470-2 TAPPI T452	%	±2	103	103	103	103	103	103	103	103	103	103	103	103	103
Whiteness D65/10°	ISO 11475 TAPPI T562	CIE	±5	148	148	148	148	148	148	148	148	148	148	148	148	148
Color a* D65/10°	TAPPI T527 ISO 5631-2	abs.	-	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
Color b* D65/10°	TAPPI T527 ISO 5631-2	abs.	-	-14.2	-14.2	-14.2	-14.2	-14.2	-14.2	-14.2	-14.2	-14.2	-14.2	-14.2	-14.2	-14.2
Bendtsen roughness	ISO 8791-2 TAPPI UM-535	ml/min	±50	150	150	150	150	160	170	200	230	230	250	250	250	250
Cobb	ISO 535 TAPPI T441	g/m <sup>2</sup>	±5	30	30	30	30	35	40	45	50	50	50	55	60	60
Relative humidity	TAPPI T502	%	±7	40	40	40	40	40	40	40	40	40	40	40	40	40

### Storage recommendations

Paper dimensions are very sensible to humidity variations that is why we supply paper in waterproof packaging. Once the packaging is opened, a moisture exchange can take place between the paper and the environment.

Ideally, the paper should be stocked in pressrooms conditioned to 50% (±5) relative humidity and 23°C (±2) temperature. In any case, extremes of temperature and humidity must be avoided. The technical properties of the product are guaranteed for 12 months after the production date. Before starting a production run, check that the printability is correct on both sides of 30-50 sheets.

Values are subject to change without notice.

Last update: 09/04/2025