

## GardaPat 13 KLASSICA

## TECHNICAL DATA SHEET

### Description:

Garda 2 side coated woodfree paper, warm natural shade (OBA free), with a matt surface and high bulk (volume 1.3).

Thanks to advanced technology, it is able to combine high thickness (volume 1.3, 40% higher than any other traditional matt paper at the same substance) with a velvet surface.

GardaPat is available in three versions: KLASSICA (warm natural shade), KIARA (natural white shade) and BIANKA (pure white shade).

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:

Flexo, Offset

### Certificates:

- [Elemental Chlorine Free \(ECF\) - Coated paper](#)
- [Safety of Toys \(EN 71-3\) - Coated Matt](#)
- [Sensory Analysis \(EN 1230\) - Coated Matt](#)
- [Declaration of Biodegradability \(EN 13432-2000\) - Coated paper](#)
- [Food Contact \(XXXVI BfR\) - Coated Matt](#)
- [Packaging and Packaging Waste \(EN 13427\) - Coated Matt](#)
- [Hazardous Substances in Electrical and Electronic Equipment \(RoHS\) - Coated Matt](#)
- [Printed Paper Optical Properties \(DIN ISO 12647-2\)- Coated Matt](#)
- [FSC Chain of Custody \(multisite\)](#)
- [PEFC Chain of Custody \(multisite\)](#)
- [EMAS Cartiere del Garda mill](#)
- [ISO 14001 Environment](#)
- [ISO 50001 Energy Efficiency](#)
- [ISO 9001 Quality](#)
- [ISO 45001 Health and Safety](#)

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### Technical specifications

Property	Test Method	Unit	Tolerance	90	100	115	135	150	200	250
Substance	ISO 536 TAPPI T410	g/m <sup>2</sup>	±4%	90	100	115	135	150	200	250
Thickness	ISO 534 TAPPI T411	µm	±4%	117	130	149	175	195	260	325
Thickness (pt.)	ISO 534 TAPPI T411	pt.	±4%	4.6	5.1	5.9	6.9	7.7	10.2	12.8
Bulk	ISO 534 TAPPI T411	cm <sup>3</sup> /g	-	1.30	1.30	1.30	1.30	1.30	1.30	1.30
Opacity	ISO 2471 TAPPI T519	%	-2.0	91.5	93.0	95.0	96.0	97.5	98.0	99.0
Whiteness D65/10°	ISO 11475	CIE	±3	71	71	71	71	71	71	71
Relative humidity	TAPPI T502	%	±7	50	50	50	50	50	50	50

Values are subject to change without notice.  
Last update: 10/21/2021