

## SATIN

The best choice for applications requiring durable, smooth, and translucent natural brown material. Calendering delivers a smooth and strong paper surface that prevents air, fat, and grease penetration. High-barrier properties make this grade a high-performing wrapping paper that protects goods from potential damages and scratches when they come in contact with abrasive surfaces. This grade is suitable for applications requiring high-temperature resistance.

### KEY FEATURES AND BENEFITS

- Available as SC (supercalendered)
- Available from 24 gsm to 90 gsm, width up to 2500 mm
- Good printability (flexo printing)
- FSC and ISEGA certified
- 100% cellulose = sustainable and compostable material
- Greaseproof properties
- Unbleached

### TECHNICAL DATA

			IGN05	IGN05	IGN05	IGN05	IGN05	IGN05	IGN05
Properties	Standard	UOM	Typical Values						
Grammage	ISO 536	g/m <sup>2</sup>	24±3	30±2	40±2	50±3	65±3	80±5	90±7
Moisture content	ISO 287	%	≤9	≤9	≤9	≤9	≤9	≤10	≤10
Density	ISO 534	g/cm <sup>3</sup>	≥1.1	≥1.1	≥1.1	≥1.1	≥1.1	≥1	≥1
Tensile force	MD	ISO 1924-2	N	≥30	≥30	≥40	≥60	≥75	≥90
Tensile force	CMD	ISO 1924-2	N	≥10	≥15	≥20	≥30	≥40	≥45
Smoothness (Bekk)	Wire	ISO 5627	secs	N/A	N/A	N/A	N/A	N/A	150
Smoothness (Bekk)	Felt	ISO 5627	secs	N/A	N/A	N/A	N/A	N/A	40
Cobb 60		ISO 535	g/m <sup>2</sup>	N/A	N/A	N/A	N/A	N/A	55
Bursting strength	Dry	ISO 2758	kPa	≥60	≥80	≥130	≥170	≥190	≥200
Bursting strength	Wet	ISO 2758	kPa	≥20	≥30	≥40	≥50	≥50	≥30
pH value of aqueous extract	ISO 6588-1	pH units	6 – 9	6 – 9	6 – 9	6 – 9	6 – 9	6 – 9	6 – 9
Fat permeability, no. of holes with size no more than 1mm for 1m <sup>2</sup>	GOST 13525.13	pps	N/A	≤250	≤150	≤75	≤40	≤40	≤40
Opacity	ISO 2471	%	≤65	N/A	N/A	N/A	N/A	N/A	N/A
Contraries	ISO 15755	mm2/m2	≤150	≤150	≤150	≤100	≤100	≤100	≤100

MD - Machine Direction / CMD - Cross Machine Direction.

The Technical Data reported here are typical results for routine tests made in the Weidmann Laboratory.

Additional specific data is available on request.

This matrix is provided for reference purposes only to consider options for your application. While we recommend certain grades which successfully performed in specific applications, our Customer Service and Product Development teams will be happy to work closely with you to review your application requirements and select the grade, prototype if necessary and develop a solution which works best for you.

Some grades can be used and interchanged across multiple applications successfully. The fiber sources we use include virgin pulp and proprietary natural fiber blends. We extensively utilise our internal offcuts to minimize environmental impact and reduce the waste. Our paper grammage ranges from ≥ 100 gsm up to 500 gsm, however our lamination capabilities allow us to produce the paper from ≥ 600 gsm up to 1000 gsm. Our converting capabilities vary for different grades which provides us with opportunity to find Maplex Paper grade most suitable for your project.

Made in Ukraine



### APPLICATIONS

- Base paper for coating and siliconizing
- Food packaging
- High transparent Glassine 24 gsm suitable for use as window for envelopes and food packaging

**Note:** ISEGA certificated

FSC certificated – available by request