

Data table - Technical specifications, typical & minimum values

Grammage, g/m <sup>2</sup> , ISO 536 Tolerance, g/m <sup>2</sup>			130 ± 3.5	140 ± 3.5	145 ± 4.0	155 ± 4.0
Tensile strength, kN/m, ISO 1924-3	MD	typ	12.5	13.3	13.6	14.7
		min	12.0	12.7	12.9	13.4
	CD	typ	5.4	5.6	5.8	6.5
		min	5.0	5.2	5.4	5.8
Strain at break, %, ISO 1924-3	MD	typ	10.5	11.5	11.6	11.6
		min	9.0	10.5	10.6	10.8
	CD	typ	8.5	8.5	8.5	8.5
		min	8.0	8.0	8.0	8.0
Tensile Energy Absorption (TEA), J/m <sup>2</sup> , ISO 1924-3	MD	typ	690	750	760	800
		min	620	700	710	780
	CD	typ	350	360	370	420
		min	310	330	340	370
Tear strength index, mNm <sup>2</sup> /g, ISO 1974	MD	typ	13.0	14.0	14.0	14.0
		min	11.5	13.0	13.0	13.0
	CD	typ	19.0	20.0	21.0	21.0
		min	17.0	18.0	19.0	19.0
Cobb 60, g/m <sup>2</sup> , ISO 535	max	32				
Moisture, %, ISO 287	7.5 ± 1.5					

Test climate 23°C/50% RH (according to ISO 187). Minimum values are guaranteed.

MD – Machine Direction

CD – Cross Direction

Reel diameter: 80 cm. Tolerance of reel width: ±2 mm. Diameter of core: 7,6 cm ± 1 mm.

Other diameters and cores are possible in case of full trim of the machine deckle.





### Ideal storage conditions: 23°C/50% RH

Paper should be stored in a dry, covered and ventilated warehouse. It is recommended that prior to use in production paper should be stored some time in conditions similar to the conditions in the production hall. The required storage period depends mainly on the volume of paper reel, as well as the temperature difference between the warehouse and production hall.

### Certificates

- ISO 9001
- ISO 14001
- ISO 45001
- FSC®-INS-COC-100054 Chain of Custody
- PEFC™- 8949-05 Chain of Custody

### Producing mill: Stora Enso Ostroleka, Poland

1. Maximum number of joints in a reel: 2. Each joint is marked with red line on the head of reel.
2. Cores secured with plugs.
3. Six outer layers of paper reel are the wrapping if the reel is un-wrapped. Additional wrapping is possible on customer request.
4. Standard reel marking:
  - two labels on the running surface,
  - the number of reel on the reel head.
5. Any changes in the Technical Specification require a separate agreement.

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**Next update\* September 2023**

\* Stora Enso is committed to continuous quality improvement. Our products' specifications are reviewed, and if necessary, updated with the objective to reflect quality improvements.

