



## COATED FOLDING BOXBOARD GC2

### Technical Specification:

Property (Unit)	Tolerance	Value										Standard
Basis Weight (g/m <sup>2</sup> )	+/- 4%	190	205	220	235	245	255	270	280	305	330	PN-EN ISO 536
Thickness (µm)	+/- 4% max. 20 µm	320	350	385	425	440	470	500	520	570	620	PN-ISO 534
Stiffness DIN 53 121 (5°) MD (mNm)	+/- 15%	13.9	18.2	22.7	28.7	32.2	37.0	44.0	48.8	63.1	80.9	PN-ISO 2493
Stiffness DIN 53 121 (5°) CD (mNm)		7.0	9.2	11.3	14.0	15.3	18.3	20.9	23.5	29.2	35.6	
Stiffness Taber (15°) MD (mNm)		7.7	10.1	12.5	16.0	17.8	20.5	24.3	27.0	35.0	44.9	
Stiffness Taber (15°) CD (mNm)		3.9	5.1	6.2	7.7	8.5	10.2	11.6	13.1	16.1	19.8	
Stiffness L&W (15°) MD (mN)		160	210	260	330	370	425	505	560	725	930	
Stiffness L&W (15°) CD (mN)		80	105	130	160	175	210	240	270	335	410	
Moisture Content (%)	+/- 1.0	7.8	7.8	7.8	8.0	8.0	8.0	8.2	8.2	8.4	8.4	PN-EN ISO 287
Brightness Top with UV D65 (%)	+/- 1.0	91										ISO 2470-2
Brightness Bottom with UV D65 (%)		> 70										
Gloss 75° Gardner (%)		> 40										ISO 8254-1:2009
Roughness PPS S10 (µm)		< 1.3										PN-ISO 8791-4
Internal Bond Strength Scott (J/m <sup>2</sup> )		> 100										TAPPI 569 om - 14
Surface Strength (medium viscosity IGT oil) (m/s)		> 1.00										ISO 3783
Water Absorption Top COBB <sub>60</sub> (g/m <sup>2</sup> )		< 55										ISO 535
Water Absorption Bottom COBB <sub>60</sub> (g/m <sup>2</sup> )		< 70										

Valid since 12.10.2021

MM Kwidzyn sp. z o.o. (LLC) operates in compliance with the following standards: **PN-EN ISO 9001, PN-EN ISO 14001, PN-EN ISO 45001, PN-EN ISO 50001.**

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