



TECHNICAL STANDARD VALUES

IMPORTANT: Please check which is the standard grammage on the MANUFACTURING SPECIFICATION chart

Grammage g / m ²	Caliper µm	Bulk cm ³ / g	Bending stiffness by static methods							
			5° (L&W)				15° (Taber)			
			mNm		mNm (*)		gcm (*)		mN (*)	
			MD	CD	MD	CD	MD	CD	MD	CD
180	200	1.11	4.1	1.9	2.1	1.0	21	10	41	19
210	237	1.13	7.1	3.3	3.6	1.7	36	17	71	33
230	262	1.14	9.0	4.1	4.5	2.1	46	21	90	41
250	288	1.15	11.0	5.0	5.5	2.5	56	25	110	50

(*) calculated figures

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Test climate (DIN 50 014) : 23° C / 50% rH

Properties		Testing methods	Tolerances
Grammage	g / m ²	DIN-EN-ISO 536	± 2 %
Caliper	µm	DIN-EN-ISO 534	± 5 %
Bending stiffness	mNm	DIN 53 121	5° (Lorentzen & Wettre) - 15 %
	mNm	ISO 2493	15° (Taber) - 15 %

Tolerances as agreed by the actual valid FFI (the association of the German carton makers)

OTHER CHARACTERISTICS

Brightness	Top	%	ISO 2470	84 ± 1
Cobb 60 sec	Top	g / m ²	DIN-EN-ISO 535	20 - 60
	Back	g / m ²	DIN-EN-ISO 535	20 - 100
Gloss 60°	Top	%	(Dr. Lange)	> 14

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