



Technical Data Sheet



Pirol - GD 2

White lined Chipboard

Fully coated, grey back

Specified Values

Grammage	Caliper	Bulk	Stiffness (DIN)		Stiffness (Taber)	
			md	cd	md	cd
[g/m ²]	[µm]	[cm ³ /g]	[mNm]		[mNm]	
280	365	1,30	20	9	9,7	4,4
300	390	1,30	24	10,5	11,7	5,1
320	416	1,30	29	12,5	14,1	6,1
350	455	1,30	36	16,5	17,5	8,0
380	495	1,30	46	21	22,3	10,2
400	520	1,30	53	24	25,7	11,7
450	590	1,31	73	36	35,5	17,5
500	660	1,32	98	50	47,6	24,3
550	730	1,33	125	62	60,7	30,1

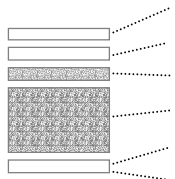
Testing methods / Tolerances

Parameter	Unit	Testing Method	Tolerances ³
Grammage ¹	[g/m ²]	DIN ISO 536	± 2 %
Caliper ¹	[µm]	DIN EN 20534	± 5 %
Stiffness ^{1,2}	[mNm]	DIN 53 121 (5° L&W)	-15 %
		TAPPI T489 (15° Taber)	-15 %

Additional Specifications

Parameter	Unit	Testing Method	Value
Brightness top side	[%]	ISO 2470	83,5 ± 1,5
		ISO 11475	87 ± 1,5

Composition

	• Coating	triple, with blade
	• Top liner	recycled white woodfree paper
	• Under liner	light recycled paper / mechanical pulp
	• Middle layer	selected recycled fibres
	• Back liner	recycled fibres
	• Pigmentation	
Content of recycled fibre:		approx. 90% (fibres only, depending on grammage)

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All datasheets preceding this issue are no longer valid.

All figures specified may be subject to technical changes.

Definition of quality according to DIN 19303.

¹ 95 % of all values measured must be within the tolerance limits.

² Stiffness must be measured both sides (top & reverse).

The resulting average is the relevant stiffness of the sample.

DIN figures are mandatory, Taber figures are indicative.

³ Tolerances comply with "FFI-Qualitätsmerkmale" of 3/1998 and 9/2000.

All figures measured after conditioning (23 °C and 50 % r.F.) according to DIN EN 20187.