

TECHNICAL STANDARD VALUES

Grammage	Caliper	Bulk	Bending stiffness by static methods							
			5° angle (L&W)		15° angle (Taber)					
			mNm		mNm (*)		Taber unit or gcm (*)		mN (*)	
g/m ²	μm	cm ³ /g	MD	CD	MD	CD	MD	CD	MD	CD
280	380	1.37	21.7	8.5	11.8	4.7	120	48	235	94
300	410	1.37	26.0	10.4	14.1	5.7	144	58	283	114
320	440	1.37	31.1	12.6	16.7	6.9	170	70	334	137
340	465	1.37	36.5	15.0	19.5	8.2	199	84	390	165
350	480	1.37	39.4	16.3	21.0	8.8	214	90	420	177
360	495	1.37	42.1	17.7	22.3	9.7	228	99	447	194
380	520	1.37	47.4	20.3	24.6	11.0	251	112	493	219
400	550	1.37	55.5	23.3	28.9	12.6	294	128	577	251
(425)	580	1.37	64.2	28.2	33.4	15.2	340	155	668	304
450	615	1.37	72.9	32.4	37.9	17.5	386	178	758	350

() No standard grammage

(*) The Taber values are calculated and mentioned for your guidance only.

METHODS OF CONTROL / TOLERANCES

Conditioning : for reference 23° C / 50 % HR

Properties				Testing methods		Tolerances	
						280 à 450 g/m²	
Grammage	g/m²					+/- 2.5 %	
Caliper	µm					+/- 5 %	
Bending stiffness	mNm	DIN 53 121	5° (Lorentzen&Wettre)				- 15 %
	mNm	ISO 2493	15° (Taber)				- 15 %

OTHER CHARACTERISTICS

						280 à 450 g/m ²
Brightness (D 65/10)	Top	%	ISO 2470	Elrepho		84 (mini 83)
Cobb 1 mn	Top	g/m ²				60 maxi
(Standard)	Back	g/m ²				200 maxi
Cobb 1 mn	Top	g/m ²				60 maxi
(WR)	Back	g/m ²				60 maxi
Cobb 3 mn	Top	g/m ²				50 + 10
(Hard sized)	Back	g/m ²				50 + 10

▲ HERMICOAT can also be used for blister packs, subsequent to trials.

FSC mix credit accreditation : Material is available on request.
Please contact your local sales office for details.





REACH

The board qualities produced in the Reno De Medici group are articles and not obliged to be registered.

The board qualities do not contain any of the 191 SVHC substances (candidate list), i.e. substances suspected being carcinogenic, mutagenic, toxic for reproduction, PBT (persistent and bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative) exceeding the concentration level of 0,1 % as defined in EU regulation 1907/2006 (REACH), status 27.06.2018.

Additional restrictions for dangerous substances as listed in Annex XIV and Annex XVII of regulation EC 1907/2006 are respected.

Actions according to article 59 to list substances in Annex XIV are under the obligation of ECHA.

The board qualities above do not contain any substances for intended release.

Changes that are foreseeable to occur with the chemicals used for production (substances and preparations) will not influence our production and not the quality properties of our board products.

By-products from the power station at R.D.M. Arnsberg GmbH have been registered.

Arnsberg, 28.06.2018

A blue ink signature of Dr. Jürgen Klix is written over the R.D.M. Arnsberg GmbH logo. The signature is stylized and appears to read 'J. A. Klix'.

Dr. Jürgen Klix
Deputy Technology Manager
R.D.M. Arnsberg GmbH