



REPORT <<< A >>> (SUMMARY)

ROUND: 2018-2  
ISSUED BY: CELABOR

No.	PROPERTY	METHOD	LEVEL	UNIT	CEPI-A MEAN	SD WITHIN	SD REPROD	NUMBER OF QL's	WARNING LIMITS		ACTION LIMITS	
1.2	Thickness corrugated board	ISO 3034	1	mm	4,09	0,032	0,022	12	4,05	4,13	4,03	4,15
			2		6,94	0,019	0,034	11	6,88	7,01	6,86	7,03
2.6	Ring Crush Test	ISO 12192	1	kN/m	0,892	0,0427	0,1518	11	0,588	1,196	0,497	1,287
			2		1,88	0,080	0,309	11	1,26	2,50	1,08	2,68
			3		4,38	0,150	0,633	10	3,11	5,64	2,73	6,02
2.7	Flat crush resistance (FCT)	ISO 3035	1	kPa	224	7,2	7,8	11	208	239	204	244
			2		368	19,5	42,3	11	283	452	258	478
2.9a	Edgewise crush resistance (ECT) Pre-cut	ISO 3037	1	kN/m	7,84	0,290	0,443	8	6,95	8,72	6,68	8,99
			2		9,67	0,327	0,669	8	8,33	11,01	7,93	11,41
2.9b	Edgewise crush resistance (ECT) Lab cut	ISO 3037	1	kN/m	7,30	0,247	0,594	13	6,11	8,49	5,76	8,85
			2		9,50	0,258	0,673	12	8,15	10,85	7,75	11,25
2.17	Bursting strength corrugated board	ISO 2759	1	kPa	1058	82	61	11	937	1180	900	1216
			2		2105	105	86	11	1932	2277	1881	2329
3.4	Bending resistance (15°; 10 mm)	(ISO 2493)	1	mN	30,5	2,20	1,81	13	26,8	34,1	25,8	35,2
			2		50,8	3,20	3,04	12	44,7	56,9	42,9	58,7
6.11	Gloss 75°, converging beam	ISO 8254-1	1	%	45,2	1,63	2,54	10	40,1	50,3	38,6	51,8
			2		74,0	0,78	1,85	10	70,3	77,7	69,2	78,8
10.1a	Water absorption Cobb 60s (paper)	ISO 535	1	g/m <sup>2</sup>	18,7	0,46	0,92	14	16,8	20,5	16,3	21,1
			2		28,3	1,05	1,36	14	25,5	31,0	24,7	31,8
10.1b	Water absorption Cobb 600s (board)	ISO 535	1	g/m <sup>2</sup>	114	2,5	8,7	12	96	131	91	137
10.1c	Water absorption Cobb 1800s (corrugated board)	ISO 535	1	g/m <sup>2</sup>	123	2,8	9,7	10	104	142	98	148

Signed by Ms. M. Grogna  
for CELABOR as a member of the  
CEPI Comparative Testing Service

Mathurin Grogna  
Department Manager  
Packaging  
(Tel. : 087/32.24.63)

Date: 12-10-2018