

PT. INDAH KIAT PULP & PAPER Tbk.

Specification of Briefcard Paper

February 5, 2018

Physical Properties

No	Description	UNIT	Test Reference	Basis Weight (gsm)															
				140	150	160	165	170	180	190	195	200	210	220	225	230	240	245	250
1	Basis Weight	gr/m ²	T 410 OM - 08	140 ± 4 %	150 ± 4 %	160 ± 4 %	165 ± 4 %	170 ± 4 %	180 ± 4 %	190 ± 4 %	195 ± 4 %	200 ± 4 %	210 ± 4 %	220 ± 4 %	225 ± 4 %	230 ± 4 %	240 ± 4 %	245 ± 4 %	250 ± 4 %
2	Thickness	µm	ISO 534 : 1998	185 ± 5	195 ± 5	208 ± 5	214 ± 5	221 ± 5	238 ± 5	247 ± 5	254 ± 5	264 ± 6	273 ± 6	286 ± 6	293 ± 6	299 ± 6	312 ± 6	319 ± 6	325 ± 6
3	Moisture Content	%	T 412 OM - 11	5.0 - 6.0															
4	Opacity	%	ISO 2471	≥ 90.0															
5	Smoothness Bekk	W	T 479 OM - 09	15.0 - 35.0															
		F																	
6	Stiffness Bending (15°)	MD	T 556 OM - 11	≥ 1.20	≥ 1.80	≥ 2.40	≥ 2.50	≥ 2.80	≥ 3.00	≥ 3.20	≥ 3.40	≥ 3.60	≥ 4.00	≥ 4.30	≥ 4.40	≥ 4.60	≥ 6.30	≥ 6.50	≥ 8.00
		CD		≥ 0.60	≥ 1.00	≥ 1.20	≥ 1.40	≥ 1.70	≥ 1.90	≥ 2.10	≥ 2.20	≥ 2.30	≥ 2.50	≥ 2.80	≥ 3.00	≥ 3.40	≥ 4.00	≥ 4.20	≥ 4.50
7	Cobb	W	T 441 OM - 09	≤ 35.0															
		F																	
8	Folding Endurance	MD	T 511 OM - 08	≥ 30															
		CD		≥ 20															
9	Internal Bonding	joule/m ²	T 569 OM - 09	≥ 180															

Optical Properties

No	Description	UNIT	Test Reference	Grade Color	
				Bluish White	Original White
1	Brightness	%	ISO 2470	95.0 ± 1	92.0 ± 1
2	CIE Whiteness	%	ISO 11476	160.0 ± 3	137.0 ± 3

TESTING CONDITION (T 402 sp 08)

TEMPERATURE 23 ± 1 °C

RELATIVE HUMIDITY 50 ± 2 %

QUALITY CONTROL MANAGER



ISO 9706


FADILUS SABRI