

PT. INDAH KIAT PULP & PAPER Tbk.
Specification For IKPP Briefcard Paper Original Shade (BCD IP042)

Date : April 11, 2013

No	Description	UNIT	Test Reference	Basis Weight (gsm)												
				150	160	165	170	180	190	200	210	220	230	240	250	260
1	Basis Weight	gr/m2	T 410 OM - 08	150 ± 4 %	160 ± 4 %	165 ± 4 %	165 ± 4 %	180 ± 4 %	190 ± 4 %	200 ± 4 %	210 ± 4 %	220 ± 4 %	230 ± 4 %	240 ± 4 %	250 ± 4 %	260 ± 4 %
2	Thickness	µm	T 411 OM - 10	195 ± 5	208 ± 5	214 ± 5	221 ± 5	238 ± 5	247 ± 5	264 ± 6	273 ± 6	286 ± 6	299 ± 6	312 ± 6	325 ± 6	338 ± 6
3	Moisture Content	%	T 412 OM - 11	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0	5.0 - 6.0
4	CIE Whiteness	%	ISO 11476	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3	137.0 ± 3
5	Opacity	%	ISO 2471	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0	≥ 90.0
6	Smoothness Bekk	W	T 479 OM - 09	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0
		F		15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0	15.0 - 35.0
7	Stiffness (Resonance)	MD	T 535 wd - 03	≥ 1.80	≥ 2.40	≥ 2.50	≥ 2.80	≥ 3.00	≥ 3.20	≥ 3.60	≥ 4.00	≥ 4.30	≥ 4.60	≥ 6.30	≥ 8.00	≥ 12.0
		CD		≥ 1.00	≥ 1.20	> 1.40	≥ 1.70	≥ 1.90	≥ 2.10	≥ 2.30	> 2.50	≥ 2.80	≥ 3.40	≥ 4.00	≥ 4.50	≥ 6.0

TESTING CONDITION (T 402 om 93)

TEMPERATURE 23 ± 1 °C

RELATIVE HUMIDITY 50 ± 2 %


 APPROVED BY : *Mar*

QUALITY ASSURANCE DIVISION