



PRODUCT SPEC.

SPEC NO.	MP-KNIGHT DIGITAL	RE : 3											
MOORIM PAPER CO., LTD		KNIGHT DIGITAL (C2S)											
Item	Unit	190gsm	210gsm	220gsm(9PT)	230gsm	245gsm(10PT)	260gsm	285gsm(12PT)	310gsm	330gsm(14PT)	350gsm	380gsm(16PT)	400gsm
Basis weight	g/m ²	190 ± 4%	210 ± 4%	220 ± 4%	230 ± 4%	245 ± 4%	260 ± 4%	285 ± 4%	310 ± 4%	330 ± 4%	350 ± 4%	380 ± 4%	400±4%
Thickness	μm	200 ± 5	221 ± 5	229 ↑	240 ± 5	254 ↑	275 ± 5	305 ↑	337 ± 10	356 ↑	382 ± 10	407 ↑	445 ± 10
Smoothness	sec	1100 ↑	1100 ↑	1100 ↑	1100 ↑	1100 ↑	1100 ↑	1100 ↑	1100 ↑	1100 ↑	1100 ↑	800 ↑	800 ↑
Roughness	μm	1.3 ± 0.3	1.3 ± 0.3	1.3 ± 0.3	1.3 ± 0.3	1.3 ± 0.3	1.3 ± 0.3	1.3 ± 0.3	1.3 ± 0.3	1.3 ± 0.3	1.3 ± 0.3	1.8 ± 0.5	1.8 ± 0.3
Paper Gloss	%	60 ± 3	60 ± 3	60 ± 3	60 ± 3	60 ± 3	60 ± 3	60 ± 3	60 ± 3	60 ± 3	60 ± 3	60 ± 3	60± 3
Brightness	%	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2
Opacity	%	98 ± 2	99 ± 2	99 ± 2	99 ± 2	99 ± 2	99 ± 2	99 ± 2	99 ± 2	99 ± 2	99 ± 2	99 ± 2	99 ± 2
Bulk	cm ³ /g	1.05	1.05	1.04	1.04	1.03	1.05	1.07	1.08	1.07	1.09	1.07	1.11

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MOORIM PAPER CO., LTD

QUALITY ASSURANCE DEPARTMENT