



NEO STAR PAPER PRODUCT SPEC.

SPEC NUMBER	SP-PDM-01	RE : 1										
MOORIM PAPER CO., LTD		PRO-DIGITAL(MATT)										
Item	Unit	Test Method	115gsm	130gsm	150gsm	170gsm	200gsm	250gsm	300gsm	350gsm		
Basis weight (Substance)	g/m ²	TAPPI 410	115 ± 4%	130 ± 4%	150 ± 4%	170 ± 4%	200 ± 4%	250 ± 4%	300 ± 4%	350 ± 4%		
Thickness	μm	TAPPI 411	105 ± 5	118 ± 5	143 ± 5	165 ± 5	200 ± 5	260 ± 10	320 ± 10	380 ± 10		
Smoothness	sec	JIS P 8119	300 ↑	300 ↑	300 ↑	300 ↑	300 ↑	200 ↑	200 ↑	200 ↑		
Paper Gloss	%	TAPPI 480	28 ± 3	28 ± 3	30 ± 3	30 ± 3	30 ± 3	30 ± 3	30 ± 3	30 ± 3		
Roughness	μm	TAPPI 555	2.0 ± 0.3	2.0 ± 0.3	2.0 ± 0.3	2.0 ± 0.3	2.0 ± 0.3	2.5 ± 0.3	2.7 ± 0.3	2.7 ± 0.3		
Whiteness	%	TAPPI 560	119 ± 5	119 ± 5	119 ± 5	116 ± 5	116 ± 5	116 ± 5	116 ± 5	116 ± 5		
Brightness	%	TAPPI 525	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2	91 ± 2		
Opacity	%	TAPPI 519	96 ± 2	97 ± 2	98 ± 2	98 ± 2	98 ± 2	99 ± 2	99 ± 2	99 ± 2		
Stiffness(MD/CD)	gcm	TAPPI 489	2.20/3.9	3.70/5.3	5.6/8.4	11.8/8.1	11.9/13.7	41.4/30.8	72.3/52.9	119.6/77.2		
Bulk	cm ³ /g		0.91	0.91	0.95	0.97	1.00	1.04	1.07	1.09		

QAP-02-01-3-02(3)

MOORIM PAPER CO., LTD

QUALITY ASSURANCE DEPARTMENT

