



**IPRINT ASIA CO., LTD.**  
 89/24 Kapalapruok Rd., Bang Bon,  
 Bangkok, Thailand 10150  
 Tel: (+66) 02 415 3133-5 Fax: (+66) 02 415 3137  
 Email: info@iprintasia.com

## Quality Control Specification

### IPRINT A4 Multi-purpose paper

Attributes	Unit	80 gsm
<b>Basis Weight</b>	g/m <sup>2</sup>	80+1
<b>Brightness</b>	%	95-97
<b>LAB</b>	-	L≥89 a 2.7-2.9, b -15.5±0.3
<b>CIE</b>	-	147-150
<b>Thickness</b>	um	105±1
<b>Ash</b>	%	26-28
<b>COBB</b>	g/m <sup>2</sup>	25-35
<b>Thickness in Cross Direction</b>	%	≤5
<b>Opacity</b>	%	95-99
<b>Breaking Length</b>	km	3.4-3.9
<b>Folding Endurance</b>	times	8-11
<b>Moisture</b>	%	5.0-5.5
<b>Stretching Rate</b>	%	2.0-2.5
<b>Stiffness</b>	mN.m	0.40-0.45/ 0.14-0.20
<b>Smoothness</b>	s	18-23
<b>Difference for two-sided of Smoothness</b>	%	≤25
<b>Dirt Count</b>	pcs/m <sup>2</sup>	≤0.5 mm <sup>2</sup> ≤280; ≤0.5-1.5 mm <sup>2</sup> ≤20; >1.5 mm <sup>2</sup> not allowed

