



## Technical Specification of Standard Newsprint

100 % VIRGIN FIBER

Parameter		Unit	Value 48 g/m <sup>2</sup>
<b>BASIC CHARACTERISTICS</b>			
Grammage		g/m <sup>2</sup>	48.8 ± 1.0
Moisture content		%	8.5 ± 0.5
Ash content		%	max 1.0
<b>STRUCTURAL CHARACTERISTICS</b>			
Bulk		cm <sup>3</sup> /g	1.66 ± 0.02
Thickness		µm	80 ± 2
Roughness (PPS)		µm	3.3 ± 0.2
<b>OPTICAL CHARACTERISTICS</b>			
Brightness		%	60.0 ± 1.0
Opacity		%	96.0 ± 1.0
Dominant wavelength		nm	576.0 ± 1.0
Shade (C.I.E.)	<i>L</i>	non- dimensional	83.0
	<i>a</i>		- 0.3
	<i>b</i>		3.8
	$\Delta E$		max 0.7
<b>MECHANICAL CHARACTERISTICS</b>			
Tensile Index	<i>machine direction</i>	N·m/g	min 46.0
Elongation	<i>machine direction</i>	%	1.0 ± 0.1

\*The sampling procedure is in accordance with IFRA (2.4.2)