



# Polar<sup>®</sup> X

A strong, bleached, uncalendered, high performance paper designed for high conversion rate into multiwall bags. Using premium northern fibres and innovative manufacturing technology, Canfor Pulp Limited Partnership products are made under the ISO 9001 and 14001 management programs to ensure consistency in quality, service and protection to the environment.

## TYPICAL PROPERTIES

Test Conditions: 50% RH, 23°C  
Nominal Basis Weight (lb/3000 sq ft)

Brightness: 82% ISO

	<i>units of measure</i>	<b>43</b>	<b>50</b>	<b>55</b>	<b>60</b>	<b>70</b>	<i>Test Method</i>
<b>MD TEA</b>	<i>ft.lbs/ft<sup>2</sup></i>	<b>12.7</b>	<b>14.8</b>	<b>15.9</b>	<b>18.8</b>	<b>20.6</b>	<b>ISO 1924-2</b>
<b>CD TEA</b>	<i>ft.lbs/ft<sup>2</sup></i>	<b>15.2</b>	<b>17.1</b>	<b>19.0</b>	<b>19.8</b>	<b>23.4</b>	<b>ISO 1924-2</b>
<b>MD TEA Index</b>	<i>J/g</i>	<b>2.6</b>	<b>2.7</b>	<b>2.6</b>	<b>2.8</b>	<b>2.6</b>	<b>ISO 1924-2</b>
<b>CD TEA Index</b>	<i>J/g</i>	<b>3.2</b>	<b>3.1</b>	<b>3.1</b>	<b>2.9</b>	<b>3.0</b>	<b>ISO 1924-2</b>
<b>MD Tensile</b>	<i>lbs/in.</i>	<b>27.4</b>	<b>32.0</b>	<b>34.8</b>	<b>38.8</b>	<b>40.5</b>	<b>ISO 1924-2</b>
<b>CD Tensile</b>	<i>lbs/in.</i>	<b>25.1</b>	<b>28.0</b>	<b>32.0</b>	<b>32.0</b>	<b>37.7</b>	<b>ISO 1924-2</b>
<b>MD Stretch</b>	<i>%</i>	<b>6.1</b>	<b>6.1</b>	<b>5.9</b>	<b>6.4</b>	<b>6.0</b>	<b>ISO 1924-2</b>
<b>CD Stretch</b>	<i>%</i>	<b>8.0</b>	<b>8.0</b>	<b>7.7</b>	<b>7.9</b>	<b>8.0</b>	<b>ISO 1924-2</b>
<b>Porosity</b>	<i>s/100mL</i>	<b>15</b>	<b>15</b>	<b>14</b>	<b>12</b>	<b>15</b>	<b>ISO 5636-5</b>
<b>MD Tear</b>	<i>g</i>	<b>110</b>	<b>123</b>	<b>141</b>	<b>157</b>	<b>194</b>	<b>ISO 1974</b>
<b>CD Tear</b>	<i>g</i>	<b>106</b>	<b>123</b>	<b>139</b>	<b>166</b>	<b>184</b>	<b>ISO 1974</b>

Subject to order run minimums.

CPLP paper is produced by CPLP and marketed worldwide by Premium 1 Papers:



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