



Polar Premium White™

End Uses:

A specialty bleached paper for shopping bags, sugar bags, flour bags and lightweight packaging applications. The superior strength and smoothness properties provide excellent printability and yield savings.

Fibre Source

British Columbia's northern forests produce some of the finest trees and fibre available for paper. The ideal climate encourages slow growth of white spruce, lodgepole pine and alpine fir. These trees produce cellulose fibres that are long, slender, flexible, and strong - providing an excellent furnish for kraft paper production. The readily collapsible thin cell walls of Canfor Pulp's fibres form ribbons with an exceptional surface area - promoting optimum fibre to fibre bonding for superior strength.

Typical Values – Metric (1924-3)

| Basis Weight | | g/m ² | 65 | 80 | 90 | 100 | 105 | 125 | 150 | Test Method |
|--------------|----|------------------|-----|-----|------|------|------|------|------|-------------|
| Caliper | | µm | 76 | 95 | 106 | 118 | 124 | 149 | 177 | ISO 534 |
| Porosity | | Gurley | 48 | 43 | 44 | 38 | 49 | 48 | 46 | ISO 5636 |
| Smoothness | WS | Sheffield | 187 | 208 | 225 | 235 | 251 | 280 | 266 | ISO 8791-3 |
| Burst | | kPa | 281 | 333 | 369 | 400 | 465 | 535 | 574 | ISO 2758 |
| Tensile | MD | kN/m | 6.5 | 7.6 | 7.9 | 8.8 | 10.0 | 11.2 | 11.6 | ISO 1924-3 |
| | CD | kN/m | 3.4 | 3.9 | 4.5 | 4.4 | 5.5 | 6.3 | 6.6 | ISO 1924-3 |
| Stretch | MD | % | 1.9 | 2.0 | 2.1 | 2.1 | 2.2 | 2.2 | 2.3 | ISO 1924-3 |
| | CD | % | 6.6 | 6.3 | 6.2 | 6.2 | 6.2 | 5.9 | 5.5 | ISO 1924-3 |
| TEA | MD | J/m ² | 81 | 97 | 110 | 123 | 140 | 165 | 177 | ISO 1924-3 |
| | CD | J/m ² | 155 | 173 | 191 | 191 | 232 | 256 | 252 | ISO 1924-3 |
| Tear | MD | mN | 698 | 882 | 1004 | 1142 | 1156 | 1431 | 1686 | ISO 1974 |
| | CD | mN | 759 | 980 | 1118 | 1371 | 1345 | 1693 | 1883 | ISO 1974 |
| Brightness | | ISO | 83 | 83 | 83 | 83 | 83 | 83 | 83 | ISO 2470-2 |
| Whiteness | | D65 | 89 | 88 | 87 | 84 | 87 | 87 | 88 | ISO 11475 |
| Formation | | Techpap | 101 | 97 | 94 | 99 | 103 | 110 | 125 | |
| Opacity | | % | 78 | 84 | 87 | 90 | 90 | 93 | 96 | ISO 2471 |

Paper Laboratory
Conditions:
50% RH, 23°C

Subject to order run minimums.

Certifications

Using innovative manufacturing technology, Canfor Pulp Ltd. products are made under the ISO 9001 and 14001 management programs to ensure consistency in quality, service and protection to the environment.

Canfor Pulp Ltd. papers are certified for Forest Stewardship Council™ Chain of Custody and PEFC Chain of Custody.

Canfor Pulp Ltd. papers are manufactured in compliance with FDA 21 CFR 176.170 and 176.180, German recommendation XXXVI, CONEG heavy metals and EC directive 94/62/EC.

Certificates of compliance to all applicable regulatory requirements will be supplied upon request.

Effective: January 1, 2018

Canfor Pulp Ltd. paper is produced by Canfor Pulp Ltd. and marketed worldwide by Premium 1 Papers:



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