



# 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 – Imperial (1924-3)

Basis Weight	lb/1000 ft <sup>2</sup>		13	16	18	20	22	26	31	Test Method
	lb/3000ft <sup>2</sup>		40	50	55	60	65	77	92	
Caliper	mil		3.0	3.7	4.2	4.6	4.9	5.9	7.0	ISO 534
Porosity	Gurley		48	43	44	38	49	48	46	ISO 5636
Smoothness	WS	Sheffield	187	208	225	235	251	280	306	ISO 8791-3
Burst		psi	41	48	53	58	67	78	83	ISO 2758
Tensile	MD	lbs/in.	37.3	43.2	45.0	50.3	56.8	63.7	66.5	ISO 1924-3
	CD	lbs/in.	19.3	22.4	25.8	25.0	31.4	36.0	37.5	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	ft.lbs/ft <sup>2</sup>	5.5	6.6	7.5	8.4	9.6	11.3	12.1	ISO 1924-3
	CD	ft.lbs/ft <sup>2</sup>	10.6	11.8	13.1	13.1	15.9	17.5	17.3	ISO 1924-3
Tear	MD	g	71.1	89.9	102.4	116.5	117.8	145.9	171.9	ISO 1974
	CD	g	77.4	99.9	114.1	139.9	137.1	172.6	192.0	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, 73.4°F

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, 2017

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



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