



Northern Bleached Hardwood Kraft
Market Grade
St. Croix Prime

Pulp Specifications		
Parameters	Test Method	
Brightness, %*	TAPPI T525 / ISO	≥89.0
Dirt, mm ² m ² *	TAPPI T213/UM 205	≤ 2.0

***Mill test measured at time of production**

Pulp Typical Properties – 2021 Averages		
Parameters	Test Method	
Viscosity (0.5% CED), mPas	TAPPI T230	18.45
DCM Extractives, %	TAPPI T204	0.15
Air Dry %	Forte	91.29
	Ref: TAPPI T412	

Fiber Typical Properties - Averages		
Parameters	Test Method	
Average Length (LWAF), mm	TAPPI T271	≥0.7
Coarseness, mg/100m	TAPPI T271	9.0

Wood Species
Predominantly Mixed Northern Hardwood Primarily Maple, Birch, Beech, and Aspen

Bale Typical Properties		
Bale Dimensions	in	cm
Length	30	76
Width	32	81
Height	17	43
Weight (Approx.)	580 lbs./263 kg	
Wrapping	Single wrapped with pulp	
Export Packaging	8 bales/unit	

Product Stewardship	
Elemental Chlorine Free (ECF) 	
Bleaching Sequence	DE _p D _p
FDA Compliant (21 CFR 176.17.0 and 176.180)	
Cali Prop 65 Full Screening	Non - Detect
Regulation (EC) No 1935/2004 Compliant	
BfR Compliant (XXXVI, XXXVI/1, XXXVI/2, XXXVI/3)	
Quality Certification	ISO 9001:2015
Environmental Certification	ISO 14001:2015
Nordic Swan Certified	
Forestry Certifications	FSC®, SFI®, PEFC™

Please note: Woodland Pulp LLC only guarantees pulp specifications. All the other values listed are pulp typical properties and not guaranteed.

Refining	Test Method	Initial	PFI Refined			
Canadian Standard Freeness mL	TAPPI T227	596	508	442	369	290
PFI Revolutions	TAPPI T248	0	400	1000	2400	4600
Strength						
Tensile (Breaking Length), km	TAPPI T494	1.43	2.95	3.72	4.74	5.34
Tensile Index, N.m/g	TAPPI T494	14.1	29.0	36.5	46.5	52.4
Tear Index, (5-ply), mN.m ² /g	TAPPI T414	3.11	6.41	7.60	7.65	8.09
Burst Index, kP a.m ² /g	TAPPI T403	0.45	1.36	1.85	2.78	3.28
Sheet Structure & Aesthetics						
Bulk, cc/g	TAPPI T220	1.93	1.63	1.58	1.44	1.40
Porosity (Gurley), sec/100 ml	TAPPI T460	1.0	2.4	3.2	7.1	12.4
Light Scattering Coefficient, cm ² /g	TAPPI T519	616	408	387	343	325

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