



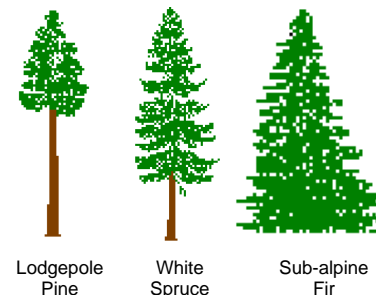
The Prince George Pulp and Paper Mill in Prince George produces an unbleached softwood kraft pulp which is a mixture of softwood species indigenous to the north central interior of British Columbia. The highly versatile fibre properties of this UBK make it suitable for use in the manufacturing of a wide variety of products, especially those requiring the highest tensile strength.

**Inherent Pulp Properties**

Brightness (%ISO)	30% (delivered)
Shive Levels (#/g)	30 max
Viscosity (mPa.s)	30.0
Kappa Number	30

**Typical Species Analysis**

Lodgepole Pine	60
White Spruce	30
Sup-alpine Fir	10



**Fibre Properties (Kajaani FS 200)**

Length Weighted Length (mm)	2.4
Coarseness (mg/m)	0.21

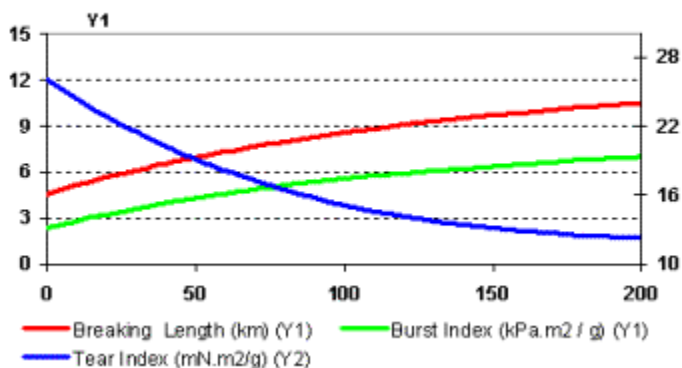
**Bale Characteristics**

Length (cm)	83
Width (cm)	84
Height (cm)	38
Weight (kg)	250

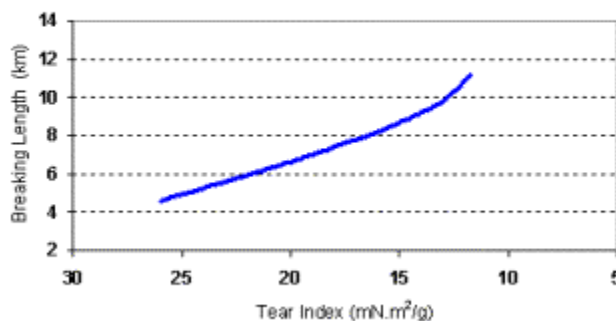
**Typical Response To Refining On A 12 Inch Sprout Bauer Disc Refiner**

Specific Energy (kW*hr/tonne)	Freeness CSF (mls)	°SR (°)	Breaking Length (km)	Tear Index (mN.m <sup>2</sup> /g)	Burst Index (kPa.m <sup>2</sup> /g)	Density (g/cm <sup>3</sup> )
0	705	16	4.6	26.0	2.4	0.53
101	600	21	8.6	15.0	5.6	0.61
177	500	25	10.2	12.7	6.7	0.64
319	300	40	12.0	10.7	8.4	0.68

Pulp Strength



Tear/Tensile Plot



Interpolations	@ 5 km	@ 7 km	@ 10 km
Tear Index (mN.m <sup>2</sup> /g)	24.4	18.9	12.7

**Typical Response to Refining on a PFI Mill**

Freeness CSF (mls)	°SR (°)	Breaking Length (km)	Tear Index (MN.m <sup>2</sup> / g)	Burst Index (kPa.m <sup>2</sup> / g)	Bulk (cm <sup>3</sup> / g)
705	16	4.5	23.7	2.5	1.75
600	21	10.2	13.2	7.4	1.47
500	25	11.4	12.4	8.5	1.43
300	40	11.9	10.0	9.0	1.39

The pulp and fibre properties listed here are based on long-term averages. Results on individual samples may vary from the values listed above. Pulp Evaluations are done using a 12-inch Sprout Bauer Refiner. Handsheets are prepared and tested based on PAPTAC/TAPPI/ISO procedures and are conditioned at 50% Relative Humidity at 23°C.