

WOODCHIP TEST RESULTS FROM GNT CUSTOMER

PULPING CHARACTERISTICS

Specie **North American Mixed Hardwood**
Maple rich, from GNT

Results of Shipment Received in May 2000

Time to raise temperature 100 - 170 C 40 minutes
 Time to maintain temperature 170 C 60 minutes
 Liquor Ratio 4.0 %
 H factor 1029
 Sulphidity 29.7

Active Alkali Addition	kN Value	Total Pulp Yield	Screened Yield	Lumps Ratio	Adjusted Screened Yield
14	18.3	52.5	51.7	0.79	52.3
15	17	51.5	51.5	0.38	51.8
16	16.6	50.6	50.6	0.24	50.7
18	15.2	49.8	49.8	0.13	49.9

Summary of Shipment Results at kN = 18

Date	Density BDkg/m ³	Active Alkali Addition	Total Pulp Yield	Screened Yield	Lumps Ratio	Adjusted Screened Yield
Dec-97	493	13.6	53.7	52.6	1.1	53.4
Feb-98	551	15.9	53.3	52.7	0.6	53.2
Apr-98	529	14.4	52.6	51.8	0.8	52.4
Jun-98	537	14.7	52.3	51.9	0.4	52.2
Sep-98	533	15.1	52.4	51.8	0.6	52.3
Jan-99	537	15.3	53.6	52.8	0.8	53.4
Mar-99	528	14.8	52.1	51.6	0.5	52.0
Jun-99	530	15.3	51.9	51.5	0.4	51.8
Nov-99	526	14.6	52.9	51.8	0.1	52.7
May-00	522	14.3	52.2	51.5	0.7	52.0
Average	529	14.8	52.7	52.0	0.6	52.5