



1301 N. 3<sup>rd</sup> St. • Superior WI 54880 • 715-392-7114 • 800-373-2562 • F 715-392-7163 • www.twinportstesting.com

Maine Wood Pellet Co LLC  
 164 Harmony Road  
 Athens, Maine 04912

Date Received: 1/18/2010

Date Tested: 1/19/2010

Purchase Order #:

Attn: Scot

Sample Log Number: 10C0198

Sample Designation: 11310PFB

	MOISTURE & ASH FREE	MOISTURE FREE	AS RECEIVED	UNITS	METHOD
Moisture Total			4.99	% wt.	ASTM E871
Ash		0.61	0.57	% wt.	ASTM D1102
Sulfur		0.010	0.010	% wt.	ASTM D4239
Heating Value	8505	8454	8032	Btu/lb	ASTM E711

	MDL	MOISTURE FREE	AS RECEIVED	UNITS	METHOD
Chlorine	10	40	38	mg/kg	ASTM D6721

	AS RECEIVED	UNITS		AS RECEIVED	UNITS
Bulk Density	42.57	lbs/cu.ft.	Fines	0.24	% wt.
Sample Above 1.50 In	0.0	%	Durability Index	97.7	
Maximum Length	1.653	inch	Stated Bag Wt.	40.0	lbs
Diameter, Range	0.254 to 0.262	inch	Actual Bag Wt.	40.1	lbs
Diameter, Average	0.258	inch			

Remarks: ash fusion

Prepared By: Heaven Anderson

Date: 1/22/10



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**ASH FUSION - ASTM D1857**

**Reducing Atmosphere**

Initial Def. Temp.	2290 ° F
Softening Temp.	2330 ° F
Hemispherical Temp.	2350 ° F
Fluid Temp.	2420 ° F

**Oxidizing Atmosphere**

Initial Def. Temp.	2410 ° F
Softening Temp.	2440 ° F
Hemispherical Temp.	2480 ° F
Fluid Temp.	2550 ° F

Prepared By:

*Kevin Anderson*

Date:

*1/27/10*