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Report No: USR:W212-0837-01
Issue No: 1

This report replaces all previous issues

Analytical Test Report

Client: SOMERSET HARDWOOD FLOORING
 3291 North Hwy 27
 Somerset KY 42503

Attention:

PO No: 7192012

Signed: 

Stephen Sundeen
 Laboratory Manager / Senior Chem

Date of Issue: 7/26/2012

THIS DOCUMENT SHALL NOT BE REPRODUCED EXCEPT IN FULL

Sample Details

Sample Log No: W212-0837-01
Sample Designation: Wood Pellets
Sample Recognized As: Pellets

Sample Date:
Sample Time:
Arrival Date: 7/23/2012

Test Results

	METHOD	UNITS	MOISTURE FREE	AS RECEIVED
Moisture Total	ASTM E871	wt. %		5.47
Ash	ASTM D1102	wt. %	0.51	0.49
Volatile Matter	ASTM D3175	wt. %		
Fixed Carbon by Difference	Calculated	wt. %		
Sulfur	ASTM D4239	wt. %	0.005	0.005
SO ₂	Calculated	lb/mmbtu		0.011
Net Cal. Value at Const. Pressure	ISO 1928	GJ/tonne		
Net Cal. Value at Const. Pressure	ISO 1928	J/g		
Gross Cal. Value at Const. Vol.	ASTM E711	J/g	19798	18715
Gross Cal. Value at Const. Vol.	ASTM E711	Btu/lb	8512	8046
Carbon	ASTM D5373	wt. %		
Hydrogen	ASTM D5373	wt. %		
Nitrogen	ASTM D5373	wt. %		
Oxygen	ASTM D3176	wt. %		
Chlorine	ASTM D6721	mg/kg	87	82
Fluorine	ASTM D3761	mg/kg		
Mercury	ASTM D6722	mg/kg		
Bulk Density	ASTM E873	lbs/ft ³		45.86
Fines (Less than 1/8")	TPT CH-P-06	wt. %		0.19
Durability Index	Kansas State	PDI		98.1
Sample Above 1.50"	TPT CH-P-06	wt. %		0.0
Maximum Length (Single Pellet)	TPT CH-P-06	inch		1.419
Diameter, Range	TPT CH-P-05	inch	0.252 to	0.263
Diameter, Average	TPT CH-P-05	inch		0.260
Stated Bag Weight	TPT CH-P-01	lbs		40.0
Actual Bag Weight	TPT CH-P-01	lbs		40.1

Comments