



REPRESENTATIVE ANALYSIS LATTIMER MAMMOTH VEIN

Specifications	COARSE BLEND	BUCK	RICE	BARLY NO. 4 BLEND	NO. 5 BUCKWHEAT
Screen Size					
Inches	2 - 5/8	5/8 - 3/8	3/8 - 3/16	3/16 - 3/64	3/64 - 100mesh
mm	50-16	16-10	10-5	5-1	<1
Proximate Analysis (Dry Basis)					
% Ash	9.50	8.00	8.00	10.50	13.50
% Volatile	4.00	4.00	4.50	5.00	5.50
% Fixed Carbon	86.50	88.00	87.50	84.50	81.00
Ultimate Analysis (Dry Basis)					
% Carbon	85.65	87.40	86.85	83.75	80.15
% Hydrogen	1.80	1.70	1.75	1.80	2.00
% Nitrogen	1.20	1.30	1.30	1.50	1.60
% Sulfur	0.65	0.65	0.65	0.65	0.65
% Ash	9.5	8.0	8.0	10.5	13.5
% Oxygen	1.20	0.95	1.45	1.80	2.10
Heating Value (Dry Basis)					
Btu/lb	13,300	13,400	13,400	13,000	12,500
Kcal/kg	7,390	7,450	7,450	7,230	6,950
Ash Fusion Temp. (Softening Point)					
°F	2,700+	2,700+	2,700+	2,700+	2,700+
°C	1,480+	1,480+	1,480+	1,480+	1,480+
Moisture (As Received)					
%	5.00	7.00	7.00	10.00	15.00
Hardgrove Grindability Index					
	38	38	38	40	40

NOTE: Modified High Carbon Material and blended sizes available upon request.

*Round Mesh Screen

REPRESENTATIVE MINERAL ANALYSIS OF ASH

	RESULTS, % OF ASH
Silicon Dioxide	54.0%
Aluminum Oxide	32.4%
Iron Oxide	5.4%
Titanium Dioxide	2.7%
Potassium Oxide	2.7%
Magnesium Oxide	0.8%
Calcium Oxide	0.7%
Sodium Oxide	0.4%
Sulfur Trioxide	0.2%
Phosphorus Pentoxide	0.2%
Barium Oxide	0.1%
Others	0.4%



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