



# RF Global Holdings LLC

## THERMAL COAL SPECIFICATION

### QUALITY PLANNING PRODUCT "B" EXPORT QUALITY, AS RECEIVED BASIS

	AVG. %	RANGE % Wt.
<b>Proximate Analysis</b>		
Gross Heating value, BTU/lb	11400	11699
<b>Net Heating Value:</b>		
BTU/lb	11147	11346
Kcal/Kg	6193	6303
Total Sulfur	0.50	0.79
Ash	6.30	9.30
Volatile Matter	33.00	34.80
Total Moisture	10.20	12.80
Equilibrium Moisture	7.60	9.00
Fixed Carbon	46.10	48.30
<b>Ultimate Analysis</b>	%	% W
Moisture, %	10.20	12.80
Carbon, %	61.90	67.70
Hydrogen, %	4.50	4.90
Nitrogen, %	1.10	1.26
Chlorine, %	0.01	0.07
Sulfur	0.50	0.79
Ash, %	6.30	9.30
Oxygen, %	6.72	9.72
<b>Other Analysis</b>		
HGI	45	51
Fluorine ppm	30	60
FSI	1.5	3.5
<b>Sulfur Forms</b>		
Pyritic, %	0.20	0.32
Sulfate, %	0.01	0.07
Organic, %	0.32	0.52
Total, %	0.50	0.79
<b>Size</b>		
Nominal Top Size inches		
% wt. % kt.	42.0	51.0
	AVG.	RANGE
<b>Mineral Analysis Of Ash</b>	%	
<b>Wt.</b>		
Silice SiO2	58.70	61.70
Aluminum Al2O3	18.20	22.20
Titanium TiO2	0.80	1.24
Iron Fe2O3	7.40	9.40
Calcium CaO	1.80	3.20
Magnesium MgO	1.70	2.90
Potassium K2O	1.70	2.90
Sodium Na2O	0.25	1.00
Sulfur SO3	1.60	2.60
Manganese Mn3O4	0.03	0.08
Phosphorus P2O	0.20	0.29
Undetermined	0.19	

Please contact us at [itr@rfglobalholdings.com](mailto:itr@rfglobalholdings.com) for more details!

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