

**QUALITY (As received basis)**

PROXIMATE ANALYSIS
Total Moisture ,%
Ash, %
Volatile Matter,%
Fixed Carbon %
Total Sulphur %
Gross calorific Value, BTU/lb
Kcal/Kg
Net Calorific Value Kcal/Kg

GRINDABILITY INDEX (HGI)
FREE SWELLING INDEX (FSI)
EQUILIBRIUM MOISTURE,%

ULTIMATE ANALYSIS
Total Moisture %
Carbon
Hydrogen
Nitrogen
Total Sulphur %
Ash, %
Oxygen (By Diff.)
Chlorine

ASH FUSION TEMPERATURE
Red. Atm Initial Deformation
Softening (H=W)
Hemispherical (H=1/2W)
Fluid
Ox Atm Initial Deformation
Softening (H=W)
Hemispherical (H=1/2W)
Fluid

ASH ANALYSIS
% SiO <sub>2</sub>
% Al <sub>2</sub> O <sub>3</sub>
% TiO <sub>2</sub>
% Fe <sub>2</sub> O <sub>3</sub>
% CaO
% MgO
% K <sub>2</sub> O
% Na <sub>2</sub> O
% MnO <sub>2</sub>
% P <sub>2</sub> O <sub>5</sub>
% SO <sub>3</sub>
Undetermined

Phosphorous in coal, %
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SIZING (0 X 50 mm)
Round hole screens % +50 mm
% -6,3 mm

**TERMICO GRADO 2**

TYPICAL	RANGE
7,5	6,50- 8,50
10,00	9,00- 12,00
33,00	32,00-34,00
47,50	45,50-52,50
0,95	0,85- 1,10
12000	11600-12300
6700	6400-6800
6360	6150-6520

49
4,5
4,00

7,50
68,00
5,00
1,30
0,95
12,00
5,25
0,04

° C
1250
1330
1350
1390
1300
1370
1390
1420

62,00
17,50
0,80
7,80
3,50
2,00
1,70
0,65
0,10
0,25
3,50
0,20

0,007
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5,0
43,0