

QUALITY (As received basis)

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

TYPICAL	RANGE
7,5	6,50- 8,50
7,00	6,50-7,50
34,00	33,00-35,00
52,00	49,00-54,00
0,75	0,70- 0,80
12800	12650-13000
7111	

GRINDABILITY INDEX (HGI)
FREE SWELLING INDEX (FSI)

47	45-49
7	6-8

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

7,50
71,40
4,80
1,25
0,75
7,00
7,30
0,03

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

° C
1.242
1.286
1.320
1.352

ASH ANALYSIS
% SiO ₂ (dry)
% Al ₂ O ₃ (dry)
% TiO ₂ (dry)
% Fe ₂ O ₃ (dry)
% CaO (dry)
% MgO (dry)
% K ₂ O (dry)
% Na ₂ O (dry)
% MnO ₂ (dry)
% P ₂ O ₅ (dry)
% SO ₃ (dry)
Others (dry)

59,64
20,08
1,03
8,34
3,29
1,80
1,57
0,50
0,05
0,20
2,79
0,71

SIZING
> 50 mm
< 6.3 mm

> 6%
<45%