

COAL GENERAL SPECIFICATIONS

Item	Unit	Basis	Typical
Total Moisture	%	AR	13.5
Inherent Moisture	%	AD	6
Gross Calorific Value	kcal/kg	AD	6,700
Net Calorific Value	kcal/kg	AR	5,900
Ash	%	AD	3.5
Volatile	%	AD	40.0
Fixed Carbon	%	AD	50.0
Fuel Ratio		AD	1.2
Total Sulphur	%	AD	0.45
Grindability (HGI)			55
Carbon	%	Dry	74
Hydrogen	%	Dry	5.2
Nitrogen	%	Dry	1.5
Oxygen	%	Dry	15
Phosphorus	%	Dry	0.013
Fluorine	PPM	AD	45
Chlorine	%	AD	0.04

ASH ANALYSIS

Item	Unit	Brand	Value
SiO ₂	%	Dry	40.9
Al ₂ O ₃	%	Dry	26.4
TiO ₂	%	Dry	0.8
Fe ₂ O ₃	%	Dry	10.9
CaO	%	Dry	5.70
MgO	%	Dry	2.55
K ₂ O	%	Dry	0.7
Na ₂ O	%	Dry	3.2
SO ₃	%	Dry	6.05
P ₂ O ₅	%	Dry	0.85
Mn ₃ O ₄	%	Dry	0.10

AFT

Item	Unit	Brand	Value
Initial Deformation	C	(Oxid.)	1,200
Hemispherical Deformation	C	(Oxid.)	1,240
Flow Deformation	C	(Oxid.)	1,260

SIZING

Item	Unit	Brand	Value
< 2mm	%		20.00