

EVARGO PREMIUM QUALITY COAL SPECIFICATION

		As Received	Air Dried	Dry	Dry Ash Free
Total Moisture	%	11.0			
Inherent Moisture	%		4.5		
Ash	%	12.00	12.9	13.5	
Volatile Matter	%	29.5	31.7	33.2	38.4
Fixed Carbon	%	47.5	50.9	53.3	61.6
Total Sulphur	%	0.37	0.40	0.42	0.48
Chlorine	%	0.02	0.02	0.02	0.02
Hardgrove Grindability Index	%		52		
Specific Energy					
Net	kcal/kg	5835			
Gross	Kcal/kg	6100	6545	6855	7920
	BTU/lb	10980	11780	12340	14260
	Mj/kg	25.54	27.40	28.70	33.16
Ultimate Analysis		Dry Ash Free	Ash Fusion Tests		°C
Carbon	%	80.49	Oxidising Atmosphere		
Hydrogen	%	5.16	Initial deformation temperature		1440
Nitrogen	%	1.96	Spherical temperature		1530
Oxygen	%	11.91	Hemispherical temperature		1540
Sulphur	%	0.48	Flow temperature		1550
Ash Analysis		Dry			
SiO ₂	%	65.4	Reducing Atmosphere		
Al ₂ O ₃	%	22.8	Initial deformation		1420
Fe ₂ O ₃	%	3.05	Spherical deformation		1510
CaO	%	2.30	Hemispherical deformation		1520
MgO	%	0.83	Flow		1540
Na ₂ O	%	0.82	Sizing (mm) - % passing		As Analysed
K ₂ O	%	0.87	50.0		99
TiO ₂	%	1.21	31.5		90
Mn ₃ O ₄	%	0.04	16.0		75
SO ₃	%	1.06	2.0		25
P ₂ O ₅	%	0.64	1.0		18
BaO	%	0.01			
SrO	%	0.17			
V ₂ O ₅	%	0.05			
ZnO	%	0.02			