

Carbo One - HV PCI coal

Indicative Specifications on As Received basis (%)

	PCI coal		
	Typical	min	max
Moisture	9.00		12.50
Ash	7.50		9.00
Volatile	37.00	35.00	39.00
Sulphur	0.40		0.50
Net CV	6400-6600	6300	
HGI	51.00		
Phosphorus	0.028		
Ultimate analysis (DAF)			
Carbon	81.82		
Hydrogen	5.00		
Nitrogen	2.58		
Oxygen	10.18		

Ash Fusion Temp (Reducing Atmosphere)

Deformation	1 170
Hemisphere	1 190
Flow	1 260

Ash mineral analysis (dry)

SiO ₂	Silicon Dioxide	47.26
Al ₂ O ₃	Aluminium Oxide	22.65
Fe ₂ O ₃	Iron Oxide	8.96
CaO	Calcium Oxide	6.86
MgO	Magnesium Oxide	3.87
Na ₂ O	Sodium Oxide	1.61
K ₂ O	Potassium Oxide	2.24
TiO ₂	Titanium Dioxide	0.90
SO ₃	Sulphur Trioxide	4.80
P ₂ O ₅	Phosphorus Pentoxide	0.75
Mn ₃ O ₄	Manganese Dioxide	0.09

FSI	2.00
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Size Fraction (approximately) %

0-1mm	16
1-6mm	25
6-12mm	20
12-25mm	20
25-50mm	17
>50mm	2 .+50 mm - 5% max