

Carbo One - HV

Indicative Specifications on As Received basis (%)

Steam Coal

	Typical	min	max
Moisture	11.00		14.00
Ash	10.50		15.00
Volatile	33.00	28.00	37.00
Sulphur	0.40		0.50
Net CV	5800-6000	5 800	
HGI	53-65		

Ultimate analysis (DAF)

Carbon	84.63
Hydrogen	5.55
Nitrogen	2.50
Oxygen	6.75

Ash Fusion Temp (Reducing Atmosphere)

Deformation	1 250	1 200
Hemisphere	1 300	1 250
Flow	1 350	1 300

Ash mineral analysis (dry)

SiO ₂	Silicon Dioxide	58.80
Al ₂ O ₃	Aluminium Oxide	23.50
Fe ₂ O ₃	Iron Oxide	5.40
CaO	Calcium Oxide	3.45
MgO	Magnesium Oxide	1.50
Na ₂ O	Sodium Oxide	0.70
K ₂ O	Potassium Oxide	1.69
TiO ₂	Titanium Dioxide	0.89
SO ₃	Sulphur Trioxide	2.90
P ₂ O ₅	Phosphorus Pentoxide	0.71
Mn ₃ O ₄	Manganese Dioxide	0.08

FSI	1.00
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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