

Carbo One - Washed T-coal

Indicative Specifications on As Received basis (%)

	PCI coal		
	Typical	min	max
Moisture	8.00		10.00
Ash	8.00		9.00
Volatile	11.00	9.00	14.00
Sulphur	0.30		0.40
Net CV	6900-7000	6 700	
HGI	60 - 75		
Phosphorus	0.026		
Ultimate analysis (DAF)			
Carbon	90.68		
Hydrogen	3.77		
Nitrogen	2.22		
Oxygen	2.98		

Ash Fusion Temp (Reducing Atmosphere)

Deformation	1 170	1 120
Softening	1 220	1 170
Hemisphere	1 250	1 200
Flow	1 320	1 270

Ash mineral analysis (dry)

SiO ₂	Silicon Dioxide	43.94
Al ₂ O ₃	Aluminium Oxide	24.07
Fe ₂ O ₃	Iron Oxide	7.59
TiO ₂	Titanium Dioxide	0.94
CaO	Calcium Oxide	9.49
MgO	Magnesium Oxide	3.63
K ₂ O	Potassium Oxide	1.54
Na ₂ O	Sodium Oxide	1.57
SO ₃	Sulphur Trioxide	6.49
P ₂ O ₅	Phosphorus Pentoxide	0.66
Mn ₃ O ₄	Manganese Dioxide	0.09

FSI	0.00
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Size Fraction (approximately) %

0-1mm	35
1-6mm	31
6-13mm	9
13-25mm	12
25-50mm	10
>50mm	3 .+50 mm - 5% max