

Carbo One - LV T-coal

Indicative Specifications on As Received basis (%)

	Steam Coal		
	Typical	min	max
Moisture	7.50		11.00
Ash	16.00		18.00
Volatile	11.00	9.00	14.00
Sulphur	0.40		0.50
Net CV	6200 - 6400	6 000	
HGI	68 - 80		
Phosphorus	0.041		
Ultimate analysis (DAF)			
Carbon	90.14		
Hydrogen	4.14		
Nitrogen	2.24		
Oxygen	2.97		

Ash Fusion Temp (Reducing Atmosphere)

Deformation	1 370	1 300
Softening	1 410	1 350
Hemisphere	1 430	1 380
Flow	1 470	1 420

Ash mineral analysis (dry)

SiO ₂	Silicon Dioxide	57.22
Al ₂ O ₃	Aluminium Oxide	26.36
Fe ₂ O ₃	Iron Oxide	6.55
TiO ₂	Titanium Dioxide	0.93
CaO	Calcium Oxide	3.32
MgO	Magnesium Oxide	0.71
K ₂ O	Potassium Oxide	1.89
Na ₂ O	Sodium Oxide	1.06
SO ₃	Sulphur Trioxide	1.36
P ₂ O ₅	Phosphorus Pentoxide	0.53
Mn ₃ O ₄	Manganese Dioxide	0.06

FSI	0.50
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Size Fraction (approximately) %

0-1mm	17
1-6mm	30
6-13mm	16
13-25mm	18
25-50mm	15
>50mm	4 .+50 mm - 5% max