

Carbo One - Washed SS-coal (Bachatsky SSPK)

Indicative Specifications on As Received basis (%)

	Sized coal		
	Typical	min	max
Moisture	8.00		9.00
Ash	6.00		7.00
Volatile	19.00	17.00	21.00
Sulphur	0.22		0.35
Net CV	7000 - 7200	6 900	
HGI	65 - 75		
Phosphorus dry	0.020		

Ultimate analysis (DAF)

Carbon	88.20
Hydrogen	4.61
Nitrogen	2.04
Oxygen	4.91

Ash Fusion Temp (Reducing Atmosphere)

Deformation	1 170
Softening	1 190
Hemisphere	1 210
Flow	1 240

Ash mineral analysis (dry)

SiO ₂	Silicon Dioxide	17.06
Al ₂ O ₃	Aluminium Oxide	27.04
Fe ₂ O ₃	Iron Oxide	18.54
TiO ₂	Titanium Dioxide	0.47
CaO	Calcium Oxide	19.71
MgO	Magnesium Oxide	7.68
K ₂ O	Potassium Oxide	0.37
Na ₂ O	Sodium Oxide	0.20
SO ₃	Sulphur Trioxide	8.50
P ₂ O ₅	Phosphorus Pentoxide	0.10
Mn ₃ O ₄	Manganese Dioxide	0.33

FSI	0.50
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Size Fraction (approximately) %

0-20mm	2.5	20
20-50mm	4	
50-100mm	43.9	
100-150mm	35.5	
150-200mm	14.1	
>200mm	0	5