

Carbo One - Washed SS-coal (Bachatsky SSO)

Indicative Specifications on As Received basis (%)

	Typical	min	max
Moisture	6.00		9.00
Ash	6.50		9.00
Volatile	18.00	17.00	21.00
Sulphur	0.19		0.30
Net CV	7 200	6 900	
HGI	74.00		
Phosphorus	0.020		

Ultimate analysis (DAF)

Carbon	90.42
Hydrogen	4.21
Nitrogen	1.92
Oxygen	3.24

Ash Fusion Temp (Reducing Atmosphere)

Deformation	1 200	1 150
Softening	1 220	1 170
Hemisphere	1 240	1 190
Flow	1 280	1 230

Ash mineral analysis (dry)

SiO ₂	Silicon Dioxide	44.56
Al ₂ O ₃	Aluminium Oxide	18.73
Fe ₂ O ₃	Iron Oxide	15.35
TiO ₂	Titanium Dioxide	0.77
CaO	Calcium Oxide	8.98
MgO	Magnesium Oxide	3.99
K ₂ O	Potassium Oxide	1.18
Na ₂ O	Sodium Oxide	0.18
SO ₃	Sulphur Trioxide	5.39
P ₂ O ₅	Phosphorus Pentoxide	0.62
Mn ₃ O ₄	Manganese Dioxide	0.25

FSI	0.50
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Size Fraction (approximately) %

0-1mm	1
1-6mm	1
6-13mm	2
13-25mm	11
25-50mm	82
>50mm	3 .+50 mm - 5% max