

Carbo One - Washed SS-coal (Kedrovsky SSPK)

Indicative Specifications on As Received basis (%)

	Sized coal		
	Typical	min	max
Moisture	5.00		8.00
Ash	7.00		8.00
Volatile	22.00	19.00	23.00
Sulphur	0.26		0.35
Net CV	7000 - 7200	6 900	
HGI	65 - 75		
Phosphorus dry	0.025		
Ultimate analysis (DAF)			
Carbon	89.66		
Hydrogen	4.83		
Nitrogen	2.22		
Oxygen	2.99		

Ash Fusion Temp (Reducing Atmosphere)

Deformation	1 230
Softening	1 260
Hemisphere	1 280
Flow	1 320

Ash mineral analysis (dry)

SiO ₂	Silicon Dioxide	37.85
Al ₂ O ₃	Aluminium Oxide	28.10
Fe ₂ O ₃	Iron Oxide	17.26
TiO ₂	Titanium Dioxide	1.11
CaO	Calcium Oxide	3.43
MgO	Magnesium Oxide	3.10
K ₂ O	Potassium Oxide	1.02
Na ₂ O	Sodium Oxide	0.42
SO ₃	Sulphur Trioxide	6.50
P ₂ O ₅	Phosphorus Pentoxide	0.67
Mn ₃ O ₄	Manganese Dioxide	0.55

FSI	1.00
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Size Fraction (approximately) %

0-20mm	4	20
20-50mm	6.6	
50-100mm	46	
100-150mm	36.1	
150-200mm	7.3	
>200mm	0	5