

## Carbo One - Washed SS-coal (Vakhrushevsky SSO)

### Indicative Specifications on As Received basis (%)

	PCI coal		
	Typical	min	max
<b>Moisture</b>	8.00		10.00
<b>Ash</b>	6.50		8.00
<b>Volatile</b>	26.50	25.20	28.00
<b>Sulphur</b>	0.28		0.35
<b>Net CV</b>	6 700	6 650	
<b>HGI</b>	50 - 60		
<b>Phosphorus dry</b>	0.048		
<b>Ultimate analysis (DAF)</b>			
<b>Carbon</b>	85.18		
<b>Hydrogen</b>	4.68		
<b>Nitrogen</b>	2.10		
<b>Oxygen</b>	7.67		
<b>Ash Fusion Temp (Reducing Atmosphere)</b>			
Deformation	1 400		
Softening	1 450		
Hemisphere	1 480		
Flow	1 500		
<b>Ash mineral analysis (dry)</b>			
SiO <sub>2</sub>	Silicon Dioxide	59.27	
Al <sub>2</sub> O <sub>3</sub>	Aluminium Oxide	27.56	
Fe <sub>2</sub> O <sub>3</sub>	Iron Oxide	3.76	
TiO <sub>2</sub>	Titanium Dioxide	0.87	
CaO	Calcium Oxide	2.85	
MgO	Magnesium Oxide	1.34	
K <sub>2</sub> O	Potassium Oxide	1.78	
Na <sub>2</sub> O	Sodium Oxide	0.34	
SO <sub>3</sub>	Sulphur Trioxide	0.57	
P <sub>2</sub> O <sub>5</sub>	Phosphorus Pentoxide	1.61	
Mn <sub>3</sub> O <sub>4</sub>	Manganese Dioxide	0.05	
FSI		0.50	
<b>Size Fraction (approximately) %</b>			
0-1mm	1.6		20
1-6mm	2.6		
6-13mm	2.3		
13-25mm	10.9		
25-50mm	80.7		
>50mm	1.9		5