

## Carbo One - HV Sized coal (GPKO)

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

	<b>Typical</b>	<b>min</b>	<b>max</b>
<b>Moisture</b>	6.78	5.00	10.10
<b>Ash</b>	9.92	7.00	12.00
<b>Volatile</b>	30.66	29.00	32.00
<b>Sulphur</b>	0.34	0.31	0.45
<b>Net CV</b>	6 300	5 900	6 500
<b>HGI</b>			
<b>Phosphorus dry</b>			

### Ultimate analysis (DAF)

**Carbon**  
**Hydrogen**  
**Nitrogen**  
**Oxygen**

### Ash Fusion Temp (Reducing Atmosphere)

Deformation  
Softening  
Hemisphere  
Flow

### Ash mineral analysis (dry)

SiO <sub>2</sub>	Silicon Dioxide
Al <sub>2</sub> O <sub>3</sub>	Aluminium Oxide
Fe <sub>2</sub> O <sub>3</sub>	Iron Oxide
TiO <sub>2</sub>	Titanium Dioxide
CaO	Calcium Oxide
MgO	Magnesium Oxide
K <sub>2</sub> O	Potassium Oxide
Na <sub>2</sub> O	Sodium Oxide
SO <sub>3</sub>	Sulphur Trioxide
P <sub>2</sub> O <sub>5</sub>	Phosphorus Pentoxide
Mn <sub>3</sub> O <sub>4</sub>	Manganese Dioxide

FSI

### Size Fraction (approximately) %

0-10mm	12
10-20mm	6
20-50mm	20
50-70mm	23
70-100mm	19
100-150mm	15
150-200mm	4
>200mm	1