

## Adsorb GWC85

### Gum Wood Biochar

#### Features & Benefits

- Increased soil carbon content
- Increased soil water retention
- Increased number of beneficial soil microbes
- Moderation of soil acidity
- Reduced fertiliser addition
- Reduced leaching of nitrogen into ground water
- Increased cation-exchange capacity resulting in improved soil fertility
- Carbon sequestration
- Possible reduced emission of nitrous oxides

#### Typical applications

- Soil additive
- Growing media additive
- Fertiliser additive

#### Available Particle Sizes

- < 2 mm powder
- > 2 mm chips

#### Standard Packaging

- 600 kg bulk bag
- Other on request

Adsorb GWC85 is a high quality biochar manufactured by the thermal pyrolysis of gum wood. Its highly porous carbon structure and internal surface area provide storage capacity for water, minerals and soil microbes. Its high fixed carbon content and low volatile carbon content delivers excellent stability in soil, ensuring that it not only enhances soil health but sequesters carbon.



Adsorb GWC85 is a high quality gum wood biochar specifically manufactured for agriculture

#### Specification\*

Fixed Carbon	min 85 %
Ash	max 6 %
Volatile	max 8 %
Moisture	max 5 %
Carbon	pending
Hydrogen	pending
Oxygen	pending
Nitrogen	pending

#### Typical Properties\*

pH	pending
Bulk Density	428 kg/m <sup>3</sup>
Micro-pore volume	128 cm <sup>3</sup> /kg
Average pore diameter	22 Å
BET Surface Area	430 m <sup>2</sup> /g

\* Specifications and typical properties are produced using analytical results from accredited external laboratories. They are listed for informational purposes only and not to be used as purchase specifications. Sales specifications can be obtained from your Adsorb Technical Sales Representative