

Adsorb GSC60

Grape Skin 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

Adsorb GSC60 is a unique biochar manufactured by the thermal pyrolysis of grape skins. In addition to its porous carbon structure, elevated levels of potassium, nitrogen and phosphorous makes it perfectly suited to use as a soil additive. Its low volatile carbon content delivers excellent stability in soil, ensuring that it not only enhances soil health but sequesters carbon.



Adsorb GSC60 is a highly porous grape skin biochar specifically manufactured for agriculture

Typical applications

- Soil additive
- Growing media additive
- Fertiliser additive

Available Particle Sizes

- 1 – 10 mm chips
- 8 mm pellet
- < 4mm crushed chips

Standard Packaging

- 10 kg plastic bucket (25 ℓ)
- 20 kg polyprop bag (50 ℓ)
- 80 kg steel drum (200 ℓ)
- 400 kg bulk bag (1000 ℓ)

Specification*

| | |
|--------------|-----------|
| Fixed Carbon | min 60 % |
| Ash | max 30 % |
| Volatile | max 6 % |
| Moisture | max 4 % |
| Potassium | min 4 % |
| Calcium | min 1 % |
| Nitrogen | min 2 % |
| Phosphorous | min 0.6 % |

Typical Properties*

| | |
|--------------------|-----------------------|
| pH | 10 |
| Bulk Density | 400 kg/m ³ |
| Surface Alkalinity | 6 mmol/g |
| Surface charge | negative |
| BET Surface Area | 80 m ² /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