

Adsorb SP500

Pine Wood Activated Carbon

Features & Benefits

- An economic natural adsorbent
- Manufactured from a natural renewable source
- High transport:adsorption pore ratio
- Alkaline surface
- Forest Steward Council (FSC) Certified

Adsorb SP500 is an economic activated carbon manufactured by the thermal activation of pine wood. Its high ratio of transport to adsorption pores delivers rapid adsorption kinetics whilst its large pore volume provides good adsorption capacity. SP500 is suitable for use in agriculture, animal nutrition and waste water treatment.

Typical applications

- Soil additive
- Growing media additive
- Fertiliser additive
- Animal feed additive
- Irrigation water treatment
- Waste water treatment



Adsorb SP500 is manufactured to be an economic natural adsorbent

Available Particle Sizes

- 1.64 – 4mm granule
- 0.425 – 1.64mm granule
- 0.150 – 0.425mm granule
- 0.045 – 0.150mm powder
- Below 0.045mm powder

Specification*

Iodine Number	min 500 mg/g
Fixed Carbon Content	min 80 %
Ash Content	max 15 %
Moisture content (as packed)	max 5 %

Typical Properties*

Iodine Number	536 mg/g
Fixed Carbon Content	89 %
Ash Content	3 %
Moisture content (as packed)	3 %
pH	10
Bulk Density	100 kg/m ³
Average pore Diameter	18 Å
Total Pore Volume	243 cm ³ /kg
Micro-pore (below 1 nm) Volume	178 cm ³ /kg
Total Surface Area	538 m ² /g
Micro-pore(below 1 nm) Area	461 m ² /g

Standard Packaging

- 60L laminated polypropylene sack
- 1m³ laminated polypropylene bag
- Other on request

* 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 may be obtained from your Adsorb Technical Sales Representative