



WWW.GROWSOIL.COM

GROWSOIL Smart

GrowSoil Smart supplies pressed coco slabs that swell after being put in place and watered. Substrates for soilless cultivation. Largely use in greenhouses for growing vegetables & Cucumber, Gerbera & Roses.
Also customized plank holes, plant holes, drip holes could be arranged based on request. This makes life much easier to grower who selects 'GrowSoil Smart'

www.growsoil.com PRODUCT DATA SHEET

FINAL PRODUCT



PHYSICAL ANALYSIS

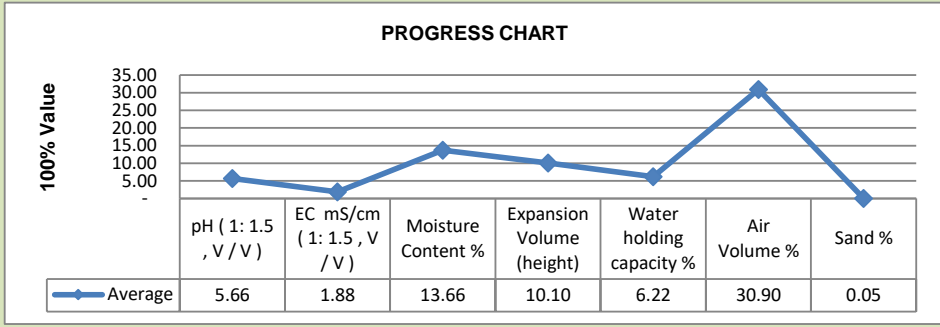
| | | |
|----------------|--|----------------------------|
| Water content | % by weight | < 20 % |
| Organic matter | % by weight | 90 - 95 % |
| Bulk density | as dry material | 80 - 100 kg/m ³ |
| Porosity | volume fraction pores | 90 - 95 % |
| Water | volume fraction % at -10 cm pressure head | 60 - 75 % |
| Air | volume fraction % at -10 cm pressure head | 20 - 35 % |
| Water value | after drying in g/g: expressed in gram water per gram matter | 7 - 9 |

CHEMICAL ANALYSIS

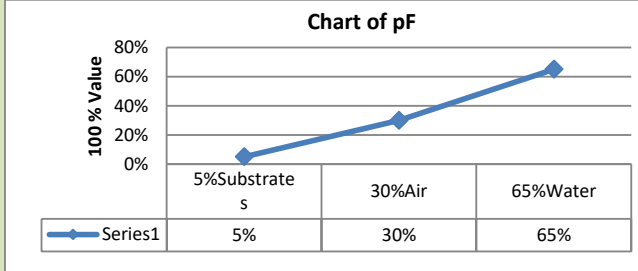
| | Cations | | | | | Anions | | | | | Micro elements | | | | | | |
|---------|-----------------|-----|-----|-----|-----|-----------------|-----|-----------------|------------------|-------|----------------|-----|-----|-------|-----|-----|-------|
| | NH ₄ | K | Na | Ca | Mg | NO ₃ | Cl | SO ₄ | HCO ₃ | P | Si | Fe | Mn | Zn | B | Cu | Mo |
| mmo/1/1 | < 0,1 | 2,9 | 2,0 | 0,3 | 0,3 | < 0,2 | 2,8 | 0,3 | 5,0 | < 0,2 | 0,30 | 0,5 | 0,4 | < 0,1 | 0,5 | 0,1 | < 0,1 |

CHARACTERISTICS

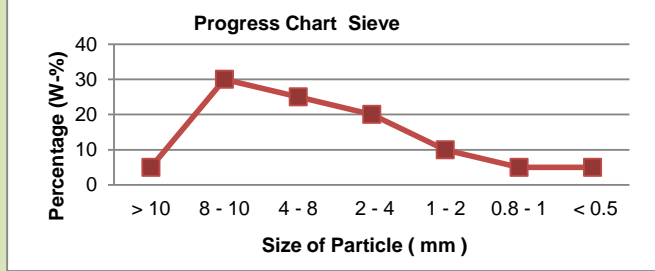
- 100x18x10 cm
- pH (1.5 , V / V)
- EC mS/cm (1.5 , V / V)
- Moisture Content %
- Expansion Volume (100x18x10 cm)
- Water holding capacity %
- Air Volume %
- Sand %



WATER UPTAKE CHARACTERISTICS



SIEVE ANALYSIS



APPLICATION

Due to its homogeneous fine structure and high air content GrowSoil Smart has a wide range of applications. After chemical treatment, this product can be used in sowing, propagating and potting soil for vegetables, cutflowers and potplants. Please note: this product needs to be treated and fertilized before use depending on the crop.

PACKAGING

High quality compressed Coco Chips slabs on pallets or in bulk.



The above product information was prepared to our best knowledge and under the responsibility of Head of Quality. We reserve the right to make changes. All applications and usage recommendations must be understood as non-binding guidelines and must be adjusted to meet local circumstances and code of practice. Grow Soil Substrates (Pvt) Ltd., can not be held responsible for any adverse consequences that may arise when using the data from this form.

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