

PRODUCT TECHNICAL SHEET

STERILIZED 50/50 ABSORPTION

Composition: A product obtained solely from the processing of the stabilized coconut husk, not chemically treated, 100% natural, eco-compatible and eco-renewable material. Dried and sterilized material characterized by an excellent chemical and physical stability and resistance to degradation.

Mix Volume Ratio (± 5 %):

Pith	50%
Fiber	50%



Chemical properties:

Electrical
Conductivity:

> 3,0 mS/cm*

pH:

5,7 – 6,8*

Physical properties:

Average humidity:

≤ 18 – 20 %

Organic matter (% weight):

96 - 98 %

Bulk density:

75 - 85 Kg/m³

Porosity (porous volume fraction):

90 - 95 %

Dried and sterilized product:

saturated water vapor 120°C= 248° F
hot air 550 °C= 1022°F

Granulometry:

1 – 25 mm

Foreign bodies (sand, soil, stones, seeds, etc.):

absent

Pneumatically dedusted; particles < 0,5 mm:

< 5 %

* (test method: extraction in demineralized water 1:1,5 in volume)

** (hygroscopic product subject to variations of humidity, weight, and volume)



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Subject: Production of coconut coir and fiber for growing media

We hereby inform you that the company La Mundial De Coco Srl produces coconut coir and fiber according to formulae that are registered in our quality system.

Our products are free from pathogenic nematodes, Phyto-parasites that are dangerous for crops, production takes place with the use of raw materials "not from protected areas".

The raw material used in full compliance with the criteria for ecological quality does not fall within the places classified as sites of community importance (SCI) or from geographical areas identified in the Natura 2000 network.

The reference in question, pursuant to REACH and Directive 1999/45 / EEC and subsequent amendments, is not considered to be dangerous goods.

Raw materials: 100% Cocus Nucifera

"The product is guaranteed for Ethics in the processing and sales process: No child has worked in the production chain. Manufacturing, packaging, and distribution are carried out with the exclusive use of adults "

The above information was obtained through our knowledge, agronomic elements firmly established today, constant quality controls and collaboration with our customers, however, we reserve the right to introduce changes if variations are found. La Mundial de Coco SRL cannot be held responsible for any adverse consequences derived from any improper use of this product.

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Applications:

Mainly used in industrial and environmental absorption, excellence for use as litter in equine, bovine, swine, poultry breedings, etc.

Main characteristics:

- High absorption capacity, up to 8-9 times its weight in liquids.
- Lower quantities of use compared to the use of other natural products (rice husks, wood shavings, etc.)
- Availability of the material constant over time.
- Reduction of bad odors, the particular microcell structure of the fiber and pith components determines the ability to retain gases.
- Reduces the presence of insects such as flies, mosquitoes, etc.
- Stable physical structure, it does not lose volume and elasticity, it remains soft for a long time (it does not compact), high duration of the litter.
- Excellent thermal insulation capacity.
- Anti-fatigue effect on the limbs.
- Preventive protective action against chest and limb injuries.
- Increased cleanliness of animals sent for slaughter.
- The draining action determined by the coconut fiber allows the quick drying of the litter.
- Sterilized material, free of pathogens, Phytosanitary Certificate by the Ministry of Agriculture.
- 100% natural, organic, biodegradable, free of resins and not palatable for the animal.

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Packaging:

Container load 40"HC:

Pallett: N.20

Weight: 1000-1100 kg / pallet; 20,000-22,000 kg / container

Unloading tip-up container: 24.000 – 26.000 Kg

Description: 2 Jumbo Presses / pallets (110x105x115 cm):

- a) Palletized or without pallet (for tip-up unloading)
- b) Packed with rope
- c) Addition of UV stretch film (on request)



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