

PRODUCT TECHNICAL SHEET

STERILIZED 65/35

Composition: A product obtained solely from the processing of the stabilized coconut husk, not chemically treated, 100% natural material eco-compatible and eco-renewable, allowed in organic farming.

Washed, dried and sterilized material characterized by an excellent chemical and physical stability and resistance to degradation.

Mix Volume Ratio ($\pm 5\%$):

Fiber	65%
Chips	10%
Pith	25%



Chemical properties:

Electrical Conductivity: $\leq 0,5 \text{ mS/cm}^*$

pH: 5,8 – 6,2*

Physical properties:

Average humidity: $\leq 18 - 20\%$

Organic matter (% weight): 96 - 98 %

Bulk density: 75 - 85Kg/m³

Porosity (porous volume fraction): 90 - 95 %

Dried and sterilized product: saturated water vapor 120°C= 248° F
hot air 550 °C= 1022°F

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

Cut fiber: 5 - 25 mm (average)

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.

Simple non-composted vegetable soil improver

Humidity: 45%

pH: 5,8-6,2

Carbon (C) of organic origin on a dry basis: 48%

Nitrogen (N) organic on a dry basis: 3,45%

Salinity: $\leq 0,5$ dS/m

Granulometry: 1 - 25 mm

Sterilized: Phytosanitary Certificate by the Ministry of Agriculture

Allowed in organic farming

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:

Optimal for the preparation of soils for professional, used in mixing with peat and / or other soil improvers, it can also be used as such as a substratum of cultivation (after chemical stabilization) and mixed with coconut pith to produce totally natural growing media not containing peat. Ideal for the use in the cultivation of shrubs and trees, perennial plants, potted plants, flowers, and vegetables.

The use of this material with a minimum share of 30% of fiber provides an effective draining and oxygenation action (thanks to the microtubular structure of the fibers that do not absorb water and work as an oxygen tank), as well as allowing a homogeneous horizontal distribution of the irrigation water and a rapid drying of the upper part of the substratum in the cultivation container.

Please note: the product must be processed and fertilized before use according to the cultivation.

Production variants:

We offer on request refining of the fiber and dedicated analysis of the mix used for specific professional cultivation and nursery mechanization applications (e.g. potting machines).

Packaging:

Container load 40"HC:

Pallet: 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 / pallet (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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