

The SeaCell[®] pure fiber

Cellulose ~ Seaweed



~ The SeaCell[®] pure fiber

SeaCell[®] pure is a cellulose fiber containing seaweed (e.g. ascophyllum nodosum).
 The idea behind SeaCell[®] pure is actually quite simple: The natural raw materials cellulose and seaweed represent the basis for the manufacture of the SeaCell[®] pure fiber, employing the "Lyocell Process". The cellulose fibers act as functional substrate for the seaweed.

~ Advantages and benefits

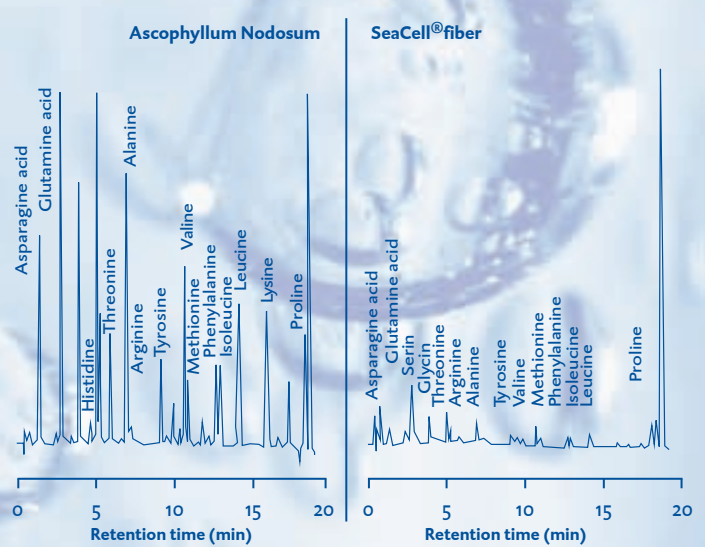
- Breathable
- Soft
- Supports skin blood flow
- Stimulates skin cell regeneration
- Pleasant touch, comfortable feel

~ Seaweed as an active substance

Seaweed is added as the active substance for a good reason. The fact that this marine plant is rich in various minerals, trace elements, carbohydrates, fats and vitamins, has been well-known since the times of Chinese medicine. Moreover, seaweed has been proved to protect the skin and exhibit anti-inflammatory properties, which also unfold in the SeaCell[®] pure fiber.

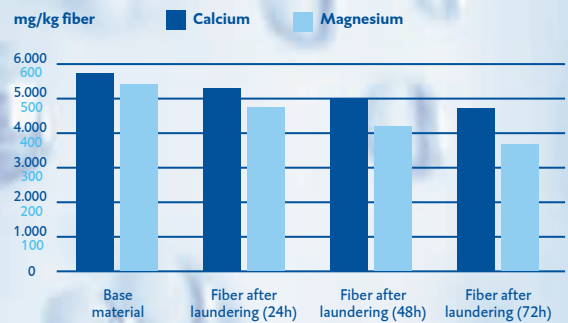
Carbohydrates	Amino acids	Vitamins	Minerals
Alginic acid	Arginine	Ascorbic acid	Aluminium
Laminarin	Asparagine	Carotinoids	Calcium
Mannitol	Valine	Tocopherols	Magnesium
			Sodium
			Potassium

Spectrum of amino acids in the SeaCell[®] pure fiber



~ How are the active substances released?

The SeaCell[®] pure fiber offers the manifold properties of seaweed and its health-promoting substances. The structure of SeaCell[®] pure facilitates an active exchange of substances between fiber and skin. The natural body moisture releases the constituents when the fabric is worn.
 The effect of SeaCell[®] pure remains unchanged even after numerous washing cycles.



~ Quality tests, certificates and awards

Numerous tests, carried out by various institutes and organizations, examined the fiber properties and confirmed the durability of the SeaCell[®] pure effect.
 In cooperation with the Fresenius Institute in Berlin, it was demonstrated that, in the humid environment of the skin surface, the SeaCell[®] pure fiber is able to release its active ingredients as required.
 The SeaCell[®] pure fiber is non-cytotoxic (cytotoxic refers to the property of substances or certain cells to destroy other cells) and hence well tolerated by the skin. Patch tests (skin test to examine allergic reactions to substances), carried out by Friedrich Schiller University Jena, demonstrated that the SeaCell[®] pure fiber does not cause any allergic reactions and irritations on sensitive skin.