

Toyobo Group exhibit at the International Home Textile Fair “Heimtextil 2015” in Frankfurt

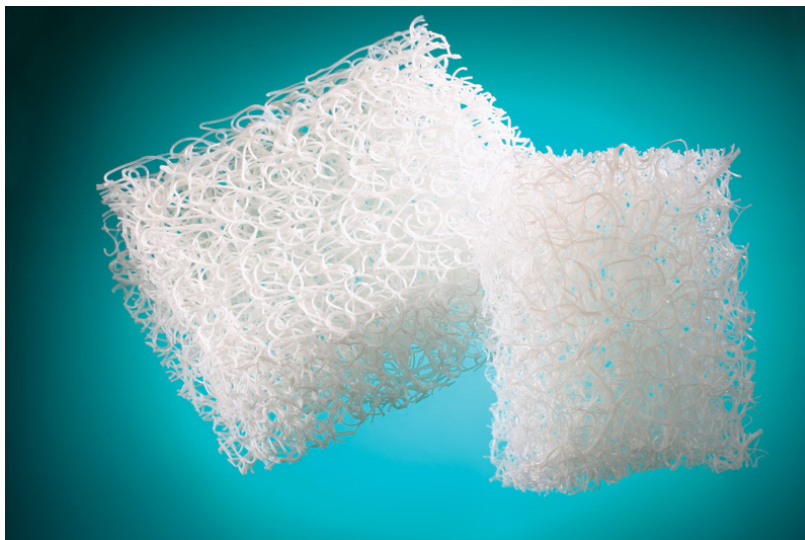
Toyobo group exhibits a range of products among which BREATHAIR[®], EKS[®] and Tsunooga[®] at the international home textile fair “Heimtextil 2015” in Frankfurt, Germany. Toyobo group will promote high value added materials targeting the home textile such as bedclothing and cushion materials.

- 1. Date** : January 14 - 17, 2015
- 2. Location** : Messe Frankfurt Exhibition, Hall-8, Booth E-51
60062 Frankfurt am Main, Germany
- 3. Theme** : “Above and beyond”

4. Focusing Products

“BREATHAIR[®]” ~three-dimensional spring structures~

A completely new cushion structure design made from random coils of elastic monofilaments. It has excellent air permeability and durability and is environmentally friendly due to its ability to be remelted and recycled. It has been a well-recognized substitute for urethane foam cushioning, particularly in bedding, vehicle seats and structures in green areas.



BREATHAIR[®]

“ [eks] ®” fiber ~fibers that generates heat~

It has outstanding functions what is called “Absorbing moisture into generating heat” which is constantly emanating from the human body (in the form of steam) but is invisible and, thereby, keep the air inside a bed dry. At the same time, this fiber convert the kinetic energy of the steam it absorbs to heat energy and, thereby, maintain comfortably warm temperatures inside a bed even in cold winter environments. In Japan, fabrics made from “EKS” are in wide use in such garments as underwear, socks, and sweaters.

“Ginsekai®” ~bacteria-eliminating fibers~

It is a photocatalytic bacteria-eliminating fiber that incorporates silver ions in acrylic fiber to achieve both bacteria elimination effectiveness and safety. Because it is not post-processed, it offers outstanding durability, and its functional performance is not affected by laundering.

“CERAM® A” ~acrylic fibers that radiate far infrared~

It is a material produced by incorporating far infrared radiation ceramics into acrylic fibers with advanced injection technology. Because it is not post-processed, it retains its warming function even after laundering.

“Tsunoooga®” ~high strength polyethylene fiber~

A completely new melt-spun high strength polyethylene fiber made by the unique technology we have amassed during the course of our superfiber development work. It is the lightest fiber and its cut resistance is twice that of polyester and nylon fibers and even higher than that of para-aramid fibers. It can also be spin-dyed in various colors. Because of these properties, it is expected to be used in a wide range of applications including protective gloves and body armor.

iCold® fabric ~a cool-feeling fabric~

A cool-feeling fabric which features excellent thermal conductivities by knitting Tsunoooga® yarns and special yarns. It diffuses body heat so rapidly that every sleeper can feel nice & cool whenever turning over in bed. Its property is never changed after laundering.

For more information, contact:

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