

yarnexpo

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Hall 8.2

National Convention
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FUNCTIONAL
SUSTAINABLE
VOLCANIC ASH
MAKES IT
POSSIBLE

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JAYEON

JAYEON AT YARN EXPO AUTUMN 2019

Being Asia's comprehensive
yarn & fibre business platform,
Yarn Expo Autumn 2019
welcomes innovative specialty
yarn manufacturer

JAYEON from Korea to
exhibit their product called
ecoVA - a functional yarn that
is made from volcanic ash.

ecoVA



VALUE-ADDED FIBRE AT VALUE-ADDING YARN EXPO

Grasping the unique nature of
volcanic ash, JAYEON managed to
add value to their functional
fibre. Hoping to promote their
unique product to the largest yarn
industry of China, Yarn Expo
naturally becomes Jayeon's ideal
platform to add value to their
marketing story.

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F U N C T I O N A L S U S T A I N A B L E VOLCANIC ASH MAKES IT POSSIBLE

Innovative specialty yarn manufacturer **JAYEON** from Korea will exhibit their product called **ecoVA - a functional yarn** that is made from **volcanic ash**, a **natural** substance that is both **functional** and **sustainable**.

Volcanic ash is a piece of rock that underground magma is released in a crumbled state due to volcanic activity or erosion of volcanic gas at high temperatures above 1600 degrees Celsius. It is sediments of small grains of 0.15 ~ 4mm in size among the crumbs of lava discharged from volcanoes.

The volcanic ash is also a porous material because the magma is released into the atmosphere and the volatile components in it are released. Because the pores in the particles are of a very fine size, it **absorbs harmful substances such as heavy metals in the body**. Due to the porosity of these volcanic ash, it can make skin feel smoother.

Far-infrared emissivity of volcanic ash is generally more than 85%. The far infrared ray penetrates deeply into the skin with the wavelength (8 ~ 10mm) which is most beneficial to the human body among the infrared rays, and permeates 80 times deeper than the normal heat.

Properties of ecoVA



Biological effects: micro vasodilation in vivo, waste and heavy metal emissions

Energy saving: deep penetration into the inside of the material, **efficient heating** possible

Anti-bacterial: sterilisation at low temperature without destruction or damage of tissue

Deodorization: Cationic decomposition, oxygen expansion of negative ions

Activation of water molecules: Dissolved oxygen activation **inhibits bacterial infiltration** and **maintains freshness**

Promotion of growth: **Promotion of metabolic activity**, speed of growth

Resistance to ticks, mould, allergies and more...

“This functionality is not post-processing with the additive, but volcanic ash's own function, so it is not harmful to the human body but rather beneficial.”

VALUE-ADDED FIBRE AT VALUE-ADDING YARN EXPO

Utilising the unique nature of volcanic ash, **JAYEON** managed to **add value to their functional fibre**. Hoping to promote their unique product to the **largest yarn industry of China**, Yarn Expo naturally becomes Jayeon's ideal platform to add value to their marketing story.

“We think the China market will continue to grow, especially in the yarn industry, because China has the largest population and the most potential in the world.”



With their new **eco-friendly functional yarn**, Jayeon hopes to find buyers at the forthcoming Yarn Expo Autumn 2019 to make **good and innovative products for consumers**.

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