

UMORFIL®  
Beauty Fiber®

UMORFIL® N6U®

UMORFIL® T

Bringing circular economy  
concepts into textile  
material



## About Camangi

Camangi Corporation Ltd. created the UMORFIL® Bionic Fiber textile brand in 2012. Adhering to the brand's core concept of "Bringing circular economy concepts into textile material.", Camangi created skin friendly functional fibers, which have passed medical grade tests, by extracting collagen peptide amino acid components and combined with textile raw materials through proprietary technology. The components come from fish scales, discarded food waste recycled from the aquaculture industry.

Entering its 8th year, the UMORFIL® brand continues to insist on Taiwanese design and manufacturing, with supply chains covering markets all over Europe, East Asia, and Mainland China. In the future, Camangi will remain connected with the global supply chain, deliver sustainable circular values, and collaborate tightly with other brands within the circular textile sector.

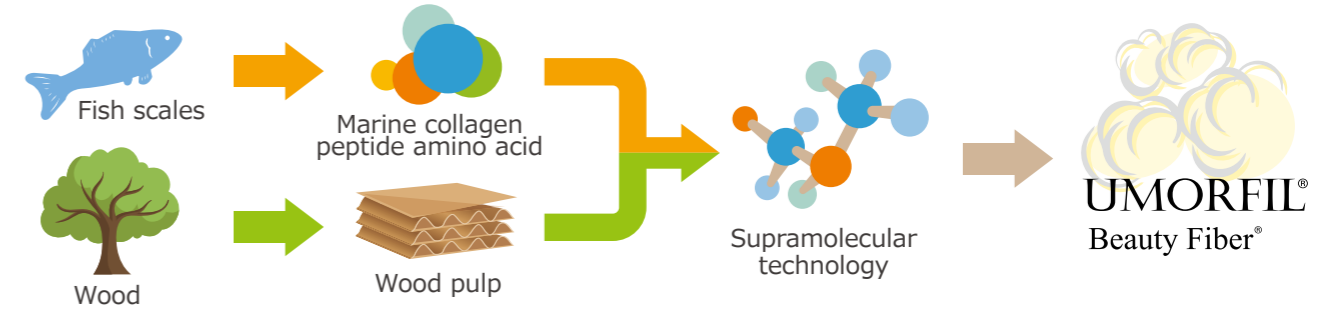
# UMORFIL® Bionic Fiber

## Product Series

### UMORFIL® Beauty Fiber®

UMORFIL® Beauty Fiber® is a protein concept bionic fiber material. It is composed of collagen peptide amino acid and viscose fiber, which are 100% biodegradable eco-friendly. Beauty Fiber® has a silk like gloss, cashmere like soft smooth feel, breathability and moisture absorption properties as hemp fiber. Its natural deodorizing and skin-friendly feel is suitable for blending and interweaving with cotton, hemp, silk, wool, and other synthetic fibers to retain its characteristics and fulfill market demand for functional textiles.

#### UMORFIL® Beauty Fiber® Manufacturing Process



### UMORFIL® N6U®

The UMORFIL® proprietary technology is applied to modify nylon 6 to create eco-friendly UMORFIL® N6U®, which retains the original characteristics of nylon 6, and has passed the medical level of skin irritation and sensitization testing that has natural cooling, UV resistance and high moisture regain properties. Not only could it be deep dyed, the color fastness is higher than the normal nylon 6. If the original fabric structure remains unchanged, it could upgrade fabric, expand new markets, and create new business opportunities by transforming the nylon raw material to UMORFIL® N6U®.

### UMORFIL® T

UMORFIL® T is an innovative bionic polyester. The proprietary polymerization technology makes it more elastic and skin-friendly, and exhibits champagne gold gloss, becoming an eco-friendly bionic polyester that retains the polyester's heat resistance and toughness properties. UMORFIL® T provides staple and filament types of fiber, 2 types of products for selection.

## Product Features

- Eco-Friendly**  
The peptide amino acid is taken from recycled materials to lower the burden on the environment
- Natural Deodorization**  
UMORFIL® Bionic fiber series can decompose odor molecules for a long time
- Reduce Environmental Pollution**  
Natural skin-friendly deodorizing function that reduces the use of chemicals and detergents, protecting the environment
- Excellent Moisture Regains**  
UMORFIL® Bionic fiber has better moisture regain than the original base material
- Skin-Friendly and Comfortable**  
UMORFIL® bionic fiber series have passed medical grade level of skin sensitivity and irritation test (ISO 10993)

## Applications

