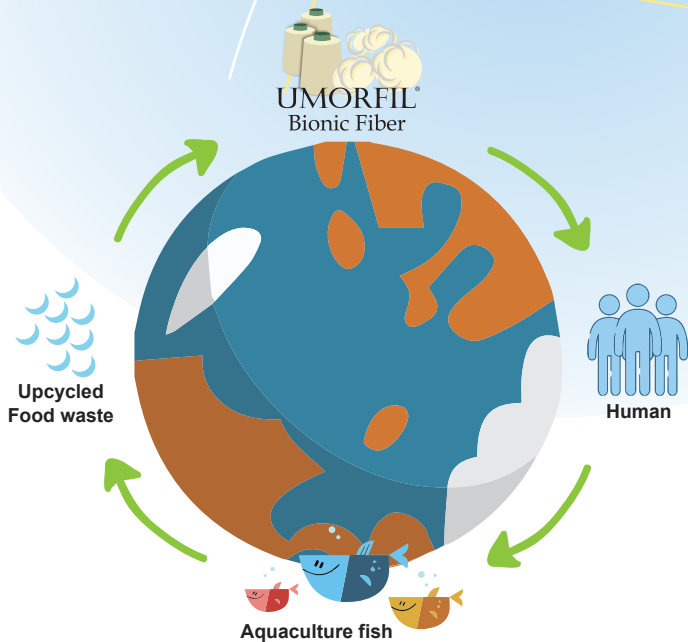


UMORFIL® Beauty Fiber®

Bionic viscose by UMORFIL® Technology



How can food waste connect with textile material?

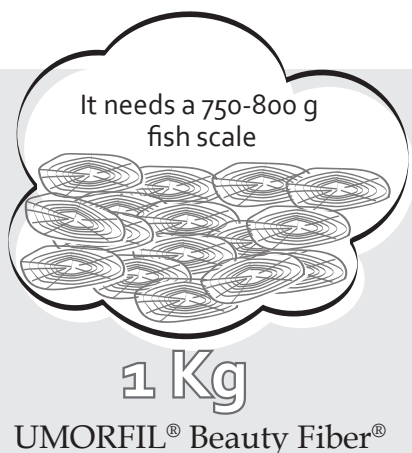
Founder Dr. James Hou is a well-known expert from the Taiwanese textile industry. Based on his years' experience in the textile industry and professional biology background, he created UMORFIL® Technology since 2012, valued up the food waste – aquaculture fish scale into textile ingredient and successfully innovated the skin-friendly UMORFIL® Bionic Fiber series.

Upcycle the ingredient - UMORFIL® Technology

"Bring comfort textile to a new level"

UMORFIL® is a new technology for amino acid bionic fiber. Its the name originates from the combination of the Latin "Umor" and French "Fil". Umor means moisture, and fil means yarn. UMORFIL® proprietary technology is a supramolecular tech to integrate peptide amino acid with textile materials like cellulose fiber or filament ingredients, create the bionic functional fiber series which provide a comfortable hand feeling and skin-friendly texture.

To make sure material's quality and support Taiwanese supply chain, UMORFIL® Bionic Fiber series are all designed and made in Taiwan.



We can help to reduce the waste in the world

It needs 750-800 g fish scales to produce 1 Kg UMORFIL® Beauty Fiber®. When we upcycle the fish scales and extracted amino acid to create the UMORFIL® Beauty Fiber® with multiple natural features, we can help to reduce the food waste issue and prevent environmental pollution without using too much chemicals and detergent.

UMORFIL® Beauty Fiber® was created to pursue innovation in textile products that are skin-friendly. It combines collagen peptide amino acid with cellulose fiber through a technology known as supramolecular. It is a bionic fiber which is biodegradable and soft touch with multiple natural features. The characteristic of super smooth texture can provide an excellent base layers solution and create infinite possibilities.



Features



Bionic Viscose

Created by UMORFIL® proprietary technology, which combines collagen peptide amino acid with cellulose fiber, and the bionic features are permanent.



Collagen peptide polymer

UMORFIL® Beauty Fiber® had passed the Hydroxyproline test to determine collagen in the fiber. Analysis was performed by LC/MS/MS.



Biodegradable

UMORFIL® Beauty Fiber® can be 100% Biodegradable with DIN CERTCO Certificate.



Deodorizing

UMORFIL® Beauty Fiber® provides a natural deodorizing feature, and there's no saturation problem.



Better moisture regain

The moisture regain of UMORFIL® Beauty Fiber® is 1-3% higher than the regular viscose which can provide fabric with a softer hand feeling.



Anti-static

Amino acid inside UMORFIL® Beauty Fiber® will capture water from the air, which can provide excellent anti-static feature.



Great for Sensitive Skin

UMORFIL® Beauty Fiber® with super smooth and soft texture and passed the In Vitro skin irritation and skin moisturization testing.



Anti-aging

UMORFIL® Beauty Fiber® also shows the Anti-aging effect with In Vitro testing.



HALAL certificate

UMORFIL® Beauty Fiber® had passed HALAL Certificate.



For more information, please check on www.umorfil.com
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Umorfil Beauty Fiber



umorfiltechnology

Feel like second skin™
with collagen peptide amino acid