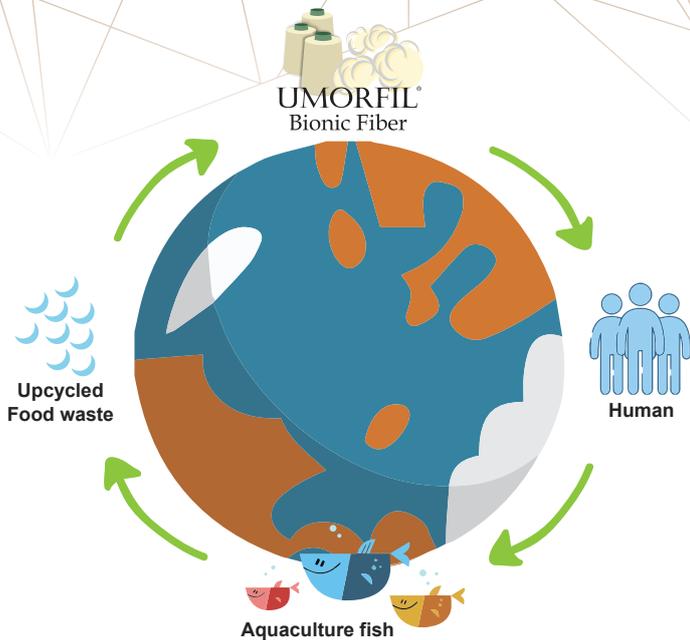


UMORFIL^T®

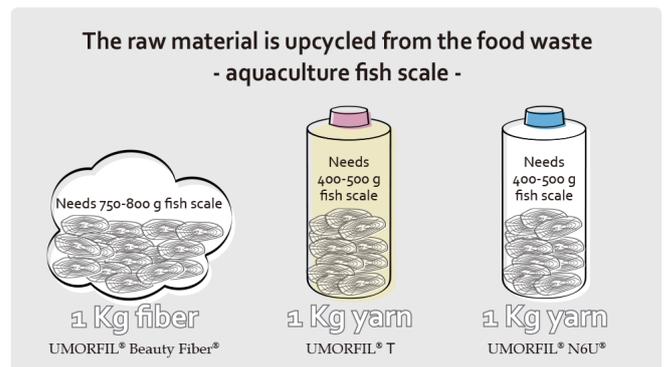
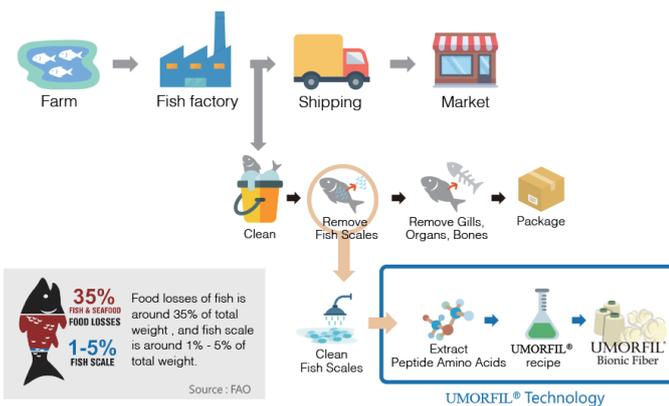
Bionic polyester by UMORFIL[®] Technology



How can food waste connect with textile material?

Founder Dr. James Hou is a well-known expert from Taiwanese textile industry. He desires to change the textile industry from linear economy to circular economy and be more eco-friendly for our earth. Based on his years' experience in textile industry and professional biology background, he created UMORFIL[®] Technology since 2012 that valued up the food waste – aquaculture fish scale into textile ingredient and successfully innovated the skin-friendly UMORFIL[®] Bionic Fiber series.

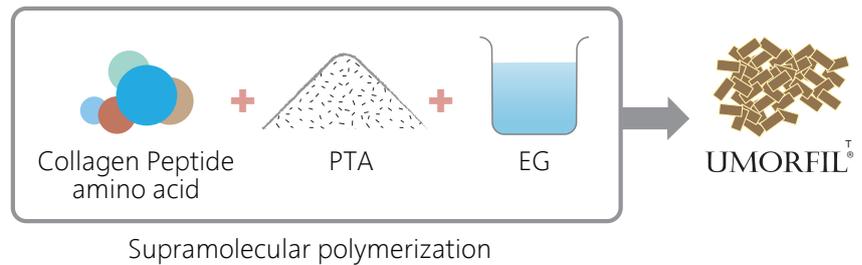
Sparkles at skin friendly features, UMORFIL[®] Bionic Fiber has passed medical level of skin sensitization/ irritation testing (ISO 10993). Well performance relates with denim, active wear, innerwear, home textile, wadding and shoes products. When we with textile product that made by UMORFIL[®] Bionic Fiber, we provide our skin a better environment to keep our skin stay in a healthier and better condition, also can prevent environmental pollution without using too much chemicals and detergent. 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 on the world ! !

The FAO data shows the fishing volume is increasing annually and had reach 170 million tons until 2018, include 82 million tons from the aquaculture fisheries. We can imagine there's a huge amount of food waste from fish product, if factories bury them in the land, it will cause the soil acidification seriously, or if they burn them it will also cause the air pollution. When we upcycle the fish scales and extracted amino acid to create the UMORFIL[®] Bionic Fiber series with multiple natural features, we can help to reduce the food waste and pollution issue on earth. "Do less, achieve more." UMORFIL[®] bionic fiber creates a new level of comfort and a treasure eco textile choice for you."

UMORFIL® T the manufacture process changes the molecular structure of poly, which make UMORFIL® T with champagne gold color naturally, has bionic feature and soft touch, also with better elongation. The industry can design the fabric with natural champagne gold color, without the dyeing process it can reduce the usage of dyestuff and the effluent issue.



* To supervise material's quality, UMORFIL® T is designed and made in Taiwan.

Features



Bionic Polyester

UMORFIL® T comes from a polymerization of collagen peptide and polyester, the bionic features are permanent.



Eco-Friendly

The collagen peptide amino acid obtains from upcycled food waste - aquaculture fish scale, it can reduce environmental pollution.



Prevent Environmental Pollution

Upcycle the ingredient and level up the materials with nature skin friendly and bionic features, which can prevent the usage of chemicals and detergent.



Better Moisture Regain

The moisture rate is 3 times higher than regular poly. (poly 0.4%, PLA 0.5%, UMORFIL® T 1.2%)



Collagen peptide polymer

UMORFIL® T had passed the Hydroxyproline test to determine collagen in the yarn. Analysis was performed by LC/MS/MS.



Great for Sensitive Skin

Passed the skin sensitization and irritation test. (ISO10993)



Champagne gold color

UMORFIL® technology integrates amino acid with poly, which makes champagne gold color naturally.



HALAL certificate

UMORFIL® Beauty Fiber® had passed HALAL Certificate.



For more information, please check on www.umorfil.com
 UMORFIL®, Beauty Fiber®, 美膚®纖維, 优肤美®, 美肌®
 優膚美® and N6U® are Camangi Corp. registered trademarks.



Umorfil Beauty Fiber



umorfiltechnology

Feel like second skin™
 with collagen peptide amino acid