

DK FIBER

Add : 583, Yangcheon-ro, Gangseo-gu, Seoul, Korea

Mobile : 0082)10-6444-6496 (Whats app)

Web : <https://www.dkfiber.co.kr>

E-mail : dkfiber2004@gmail.com

Best quality Best price Fast delivery

[OPTION INFORMATION]

- * Cargo weight for 40' container : 23,000 kgs ~ 24,000 kgs
- * FOB reference price : in consultation with the customer
- * Minimum quantity for order : more than 12,000 kgs



DK FIBER is the brand name of DK GANG UP. We started as a polyester staple fiber export and distribution company in Korea since 2004. We merged with a factory producing polyester staple fiber and became fiber manufacturing company with growth. We supply high-quality polyester staple fiber to customers in various fields who need polyester staple fiber.

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Company information

- Year of establishment | 2004
- Annual sales amount | 9 Million USD
- Main items | POLYESTER STAPLE FIBER
- Yearly Production Capacity | 12,000 TONS
- Major export areas | South America, East Asia, Europe
- Homepage | <https://www.dkfiber.co.kr>

Company History

- 2004. May. Company Establishment
- 2005. Mar. Started exporting to Southeast Asian countries
- 2007. Feb. Established strategic partnerships with Korean manufacturers
- 2010. Mar. Merged with a factory producing polyester staple fiber
- 2019. Jul. Invested to purchase new equipment for extension at plant



DK FIBER

Main Product

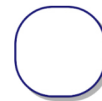
> Polyester Staple Fiber

We produce a total of two grades of Polyester staple fiber.

Polyester staple fiber (PSF) are used in clothing, bedding, vehicles, non-wovens and etc. We constantly

communicate with our customers to make products with the specifications they require.

Differences By Grade



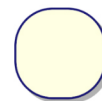
VIRGIN

This grade is most of pure grade because using raw materials refined from petroleum. So the color is very clearly, brightly than recycle grade.

But the price is expensive than recycle grade.

Sometimes VIRGIN grade uses raw material in chip form use than liquid form

The chip form is convenient for storage and transportation as a raw material but the purity is little lower than in liquid form.



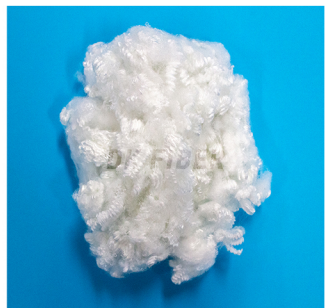
RECYCLE

This grade fibers use waste clothing, waste fibers, and waste plastic bottles as raw materials. As raw materials are obtained from already used products

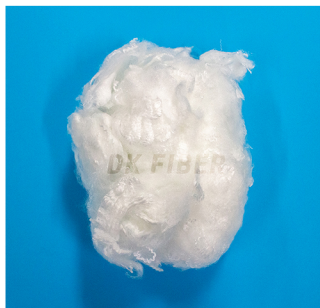
the brightness and strength of fibers are lower than those of VIRGIN grade.

However, it is cheaper and very eco-friendly than VIRGIN grade.

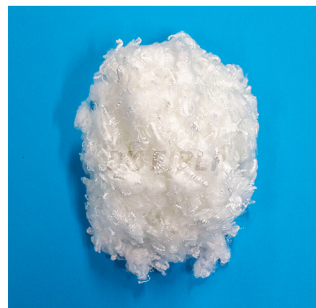
VIRGIN - Solid



Regular



Low Melt



MICRO

VIRGIN - Hollow

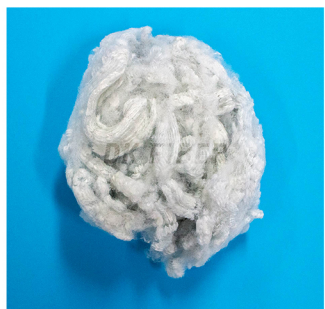


Hollow

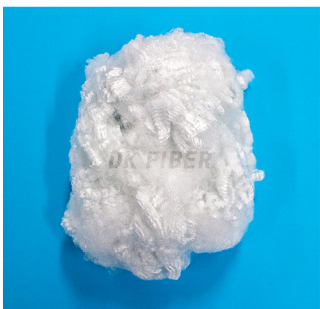


Hollow Conjugated

RECYCLE - Solid



Regular



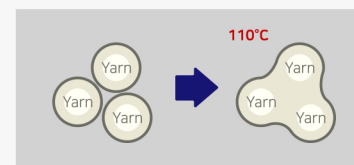
Hollow



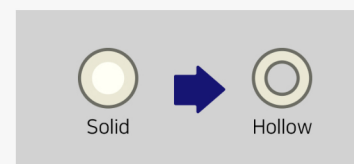
Hollow Conjugated

Fiber Type info

- Regular** | Filled with a cross section of yarn. It can be used in a variety of places such as mattresses, beddings, non-woven fabrics and etc.
- Micro** | Micro fiber is used for top grade silk-like cotton, toys and down jacket with super soft hand feeling, light and warms characters.
- LM** | LM Fiber is adheres at a low temperature and combining with other materials.



- Hollow** | Hollow fiber with an empty cross section and boasts excellent bulking properties and elasticity.



- Hollow Conjugated** | By changing the bonding structure (Conjugated), it has higher elasticity and durability than general hollow fibers.

It is possible to change the product quality such as color and elasticity of the product in consultation with us. Samples under 1kg are available on request.

> Biodegradable Fiber



What is Biodegradation?

Biodegradation means that microorganisms break down organic matter. Many plastic waste does not decompose and destroys the habitats of living creature.

In order to prevent this problem, many countries are developing biodegradable eco-friendly plastics using natural raw materials or bio-based materials.

Why should we use biodegradable fiber?

Polyester fiber generates microplastics. Microplastic does not decompose for a long time and accumulates in the sea or soil, causing environmental pollution. Biodegradable fiber is developed to reduce environmental pollution. It is biodegraded by microorganisms when exposed to a specific environment for a long period of time.

Ocean Microplastic

35%

35% of the microplastics entering the ocean came from synthetic textiles.

How does biodegradable work?

Our polyester fiber is used ECO additives that create numerous biodegradable properties. The ECO additives act to make molecular structure broken after fiber disposal, by microorganisms produced in nature. Biodegradation process only proceeds when abundant moisture and microorganisms maintain for a certain period of time. Biodegradation is not activated during use or care.

Degree of biodegradation

Environment	Time	Common Fiber	ECO additives Fiber
Waste water treatment plant sludge (ASTM D5210)	847 days (about 2 years)	0%	88%
Soil (ASTM D5988)	1171 days (about 3 years)	3%	91%
Sea water (ASTM D6691)	844 days (about 2 years)	5%	92%
Anaerobic Digester (Landfill) (ASTM D5511)	1278 days (about 3 years and 6 months)	6%	91%

Use of biodegradable fiber



disposable work gloves



bedding & pillow



padding & wadding

> Color Polyester Fiber

COLOR - BLACK



COLOR - GRAY



OTHER COLOR



For inquiries about colors other than in the catalog, please contact us through the website or e-mail. We produce the fiber color according to the customer's needs as much as possible. All colored fibers are marked separate number (Lot No.) due to the wide selection of colors.

*ex) BLUE (Lot No. : HS-10), BLUE (Lot No. : TY BL)

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