



RPET

GREEN WORLD MAKING OUR WORLD A BETTER PLACE



fabrics **Kets**[®]



**STANDARD
100**
2106125
Centexbel



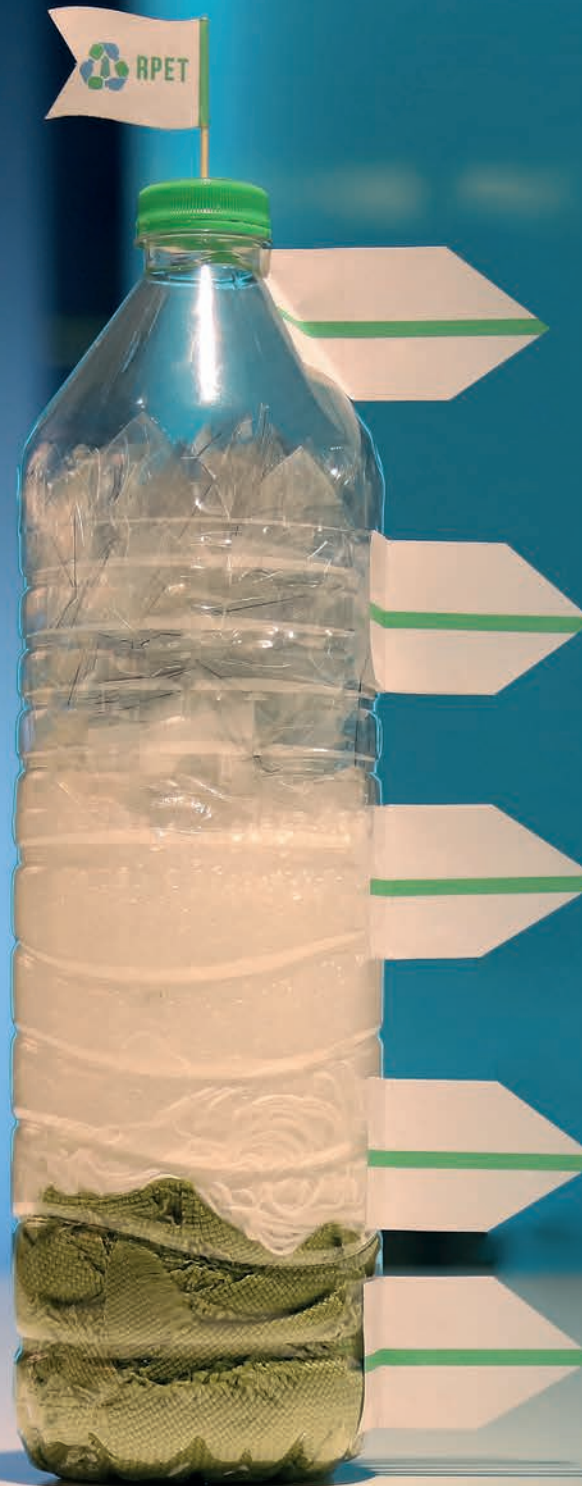
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RECYCLED POLYESTER HOW IT'S MADE

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STEP 1

Plastic PET containers are picked up at community recycling centers, then sorted by type and color.



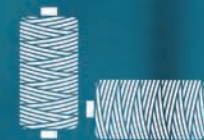
STEP 2

They are stripped of their labels and caps, washed and crushed, then chopped into flakes.



STEP 3

The flakes undergo a second melting and are made into consistently shaped pellets.



STEP 4

The pellets are melted and extruded to make fiber. The fiber is crimped, cut, drawn and stretched, then baled.



STEP 5

The baled fiber can be processed into fabric for a variety of textile product and uses.

Recycled Polyester
Requires
59% Less
Energy Than Virgin
Polyester



SUSTAINABLE TEXTILES

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Recycled Polyester
Reduces CO₂
Emissions By
32% Compared To
Virgin Polyester.

CO₂



SUSTAINABLE TEXTILES



Each Kg Of Mechanically
Recycled Polyester
Represents Over
70% Reduction
in Greenhouse
Gas Emissions
Compared To Virgin
Polyester.



THE CARBON FOOTPRINT OF POLYESTER CAN BE EXPLAINED AS FOLLOWS.

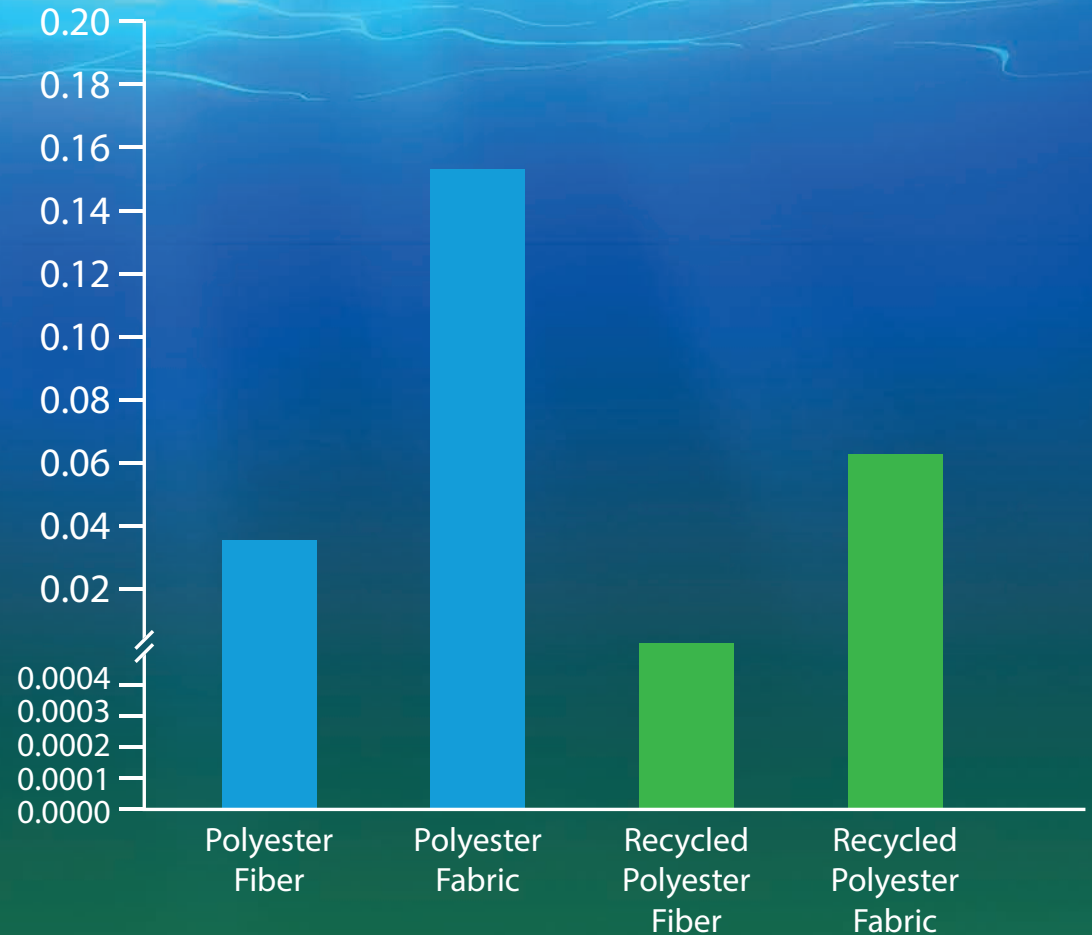
Two square meters of polyester is equal to:

- 6.4kg carbon emissions
- 32.5km (distance driven by gas-powered car)
- 164.9m³ of CO₂ gas



WATER FOOTPRINT OF POLYESTER PRODUCT

The total water footprint of virgin polyester textile production is almost three times that of recycled polyester.



THE GREAT PACIFIC GARBAGE PATCH

The nickname “the eighth continent” says it all, and it’s no exaggeration. Stretching between California and Hawaii, the Great Pacific Landfill is three times the size of France and the world’s largest ocean waste dump, with 1.8 billion pieces of floating plastic that kills thousands of marine animals each year.



Main Ingredient = Plastic Debris

Why such a common ingredient? Likely because of the abundance of plastics and the fact that some common types of plastic float.

Do plastics degrade in the ocean? In general, yes*; however there are many things to note. A few points to consider

There are MANY types of plastic, and thus many different chemical compositions

Degradation rates depend on chemical composition, molecular weight, additives, environmental conditions, etc.

Based on research to date, most commonly used plastics do not ever fully “go away” but rather break down into smaller and smaller pieces (A. Andrady, pers. comm.). Also keep in mind that many of the bio-based and truly biodegradable plastics break down in a compost pile or landfill, but not necessarily in the ocean.



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SUSTAINABLE TEXTILES

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SUSTAINABLE DEVELOPMENT GOALS

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



GOAL9: INDUSTRY, INNOVATION AND INFRASTRUCTURE ENERGY GENERATING FROM WASTE HOT WATER HEAT RECOVERY PROJECT

- 80,000 m3 Natural Gas consumption saved
- 351 tones/year CO2 emissions decreased

HIGH-TECH INNOVATION PROJECTS

We know how the environmental impacts of the products we consume can be reduced by increasing their durability/ expanding their lifecycle. As a company strategy we promote longer-lasting materials and products to increase resourcefulness and sustainability across our product groups. To make this strategy succeed we have developed technologies that expand the lifecycle of our products.





SUSTAINABLE DEVELOPMENT GOALS

11 SUSTAINABLE CITIES AND COMMUNITIES



GOAL 11: SUSTAINABLE CITIES AND COMMUNITIES EMPLOYEE DEVELOPMENT & EDUCATION

We empower our employees through employee development and training projects to achieve personal excellence, offering knowledge and opportunities in a safe environment.

SELF SUSTAINING GROWTH PROJECTS

For long term social, economic, and environmental health of our world, KETS emphasis on the sustainability of major education projects that engage underdeveloped countries communities in order to catalyse self sustaining growth and break the cycle of poverty.





SUSTAINABLE DEVELOPMENT GOALS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



GOAL 12: RESPONSIBLE CONSUMPTION AND PRODUCTION HIGH EFFICIENCY ENGINE USE PROJECT

By using high-efficiency production systems at our manufacturing plant
– 380,000 K WH electricity consumption saved
– 189 tones/year CO2 emissions decreased

USING DISCARDED YARNS & FABRICS AS A RAW MATERIAL

Committed to pursuing sustainable production, KETS has developed a new technique to ensure the continued sustainability of KETS' waste of polyester, polyamide and acrylic. Using discarded yarns and fabrics as raw material to pursuing sustainable production, KETS has taken up the challenge of developing "A Roadmap for Recycling Various Types of Waste Materials from the Production Process" for reusing the discarded fabrics.





**SUSTAINABLE
DEVELOPMENT GOALS**



GOAL13: CLIMATE ACTION

REDUCTION OF CO2

– 743 tones of CO2 emission reduction has been achieved in total



GLOBAL RECYCLED STANDARS CERTIFICATE

OEKO-TEX CERTIFICATE

EU ECOLABELL CERTIFICATE

rxv.scopfc.asp

USB Certification Denetim, Gözetim ve Belgelendirme Hizmetleri A.Ş.
İsmet Köpçü Mah. Hürriyet Bulv. No: 4/1 Kavala Plaza
K: 2 D: 23 Cankaya – Konak - İzmir / Turkey
www.usbcertification.com Tel: 0090.232.446.4416

SCOPE CERTIFICATE

Scope Certificate Number USB TEX2701-GRS-2021-01

USB Certification Denetim, Gözetim ve Belgelendirme Hizmetleri A.Ş., USB CERTIFICATION declares that

KADIFETEK SENSUCAT SAN. A.Ş.
License Number USB TEX2701

İosb Mah. Eski Turgut Ozal Cad. No:40 Basakşehir, İstanbul – Turkey

has been inspected and assessed according to the

Global Recycled Standard (GRS)
- Version V.4 -

and that products of the categories as mentioned below (and further specified in the product appendix) conform with this standard. Product categories:

Fabrics

Processing steps / activities carried out under responsibility of the above mentioned company for the certified products:

Extruding, Air -texturising, Yarn Dyeing, Weaving, Fabric Dyeing, Finishing, Storing, Trading, Importing, Exporting

This certificate is valid until: **22 February 2022**

Place and Date of Issue
İzmir, 23 February 2021

Stamp of the Issuing Body

GRS Logo

Name of the authorised person
Ms Nihal ATABAY

This Scope Certificates provides no proof that any goods delivered by its holder are GRS certified. Proof of GRS certification of goods delivered is provided by a valid Transaction Certificate (TC) covering them.

The issuing body may withdraw this certificate before it expires if the declared conformity is no longer guaranteed.

Accredited by: International Organic Accreditation Services (IOAS), Accreditation N°: 112



This electronically issued scope certificate is the valid original version and it is protected with the QR code.

Scope Certificate, page 1 / 4

No: UCB-TEX-01-4402 First Issue Date: 2021.01.18 Rev. Date:0000.00.00 Rev:00

CENTERBEL
TECHNOLOGIEPARK 70
8052 ZWILJARAARD, BELGIUM

OEKO-TEX®
INSPIRING CONFIDENCE

CERTIFICATE

The company

Kets / Kadifeteks Mensucat San. A.Ş.
İkitelli Organize Sanayi Bölgesi Mahallesi
Eski Turgut Özal Caddesi No: 40
34490 Başakşehir – İstanbul, TURKEY

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
2106125 Centerbel
Issued for benefit subscribers
www.oeko-tex.com/certification/100



is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report 1765

for the following articles:

Yarn dyed woven fabrics produced from blends of acrylic, viscose, polyester/recycled polyester (20-100% RPET from PET bottles), polypropylene/recycled polypropylene (20-100% ROLEFIN from pre-consumer waste) with KETS EASY LIFE®, EASY LIFE ULTRA® finish and acrylic coating or foam lamination – partly produced with products having antibacterial properties or fibers having flame retardant properties accepted by OEKO-TEX®

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Annex 4, product class II have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Annex 4 for products with direct contact to skin.

The certified articles fulfill requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA, with the exception of accessories made from glass) and of the Chinese standard GB 18401.2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate 2106125 is valid until 30.06.2023

Zwijnaarde, 07.06.2022


 Sign Devere
Certification Officer



EU Ecolabel
www.ecolabel.eu

**EU Ecolabel
Certificate**

The Belgian Competent Body has awarded the EU Ecolabel license number BE/016/003 to:

Kadifeteks Mensucat San. A.S.,
Producer of Textiles

See product specification in standard contract.

This contract is valid until 31-12-2025.

Brussels, June 29, 2022,


 Hannelore Schorpien
"Focal Point European Ecolabel"
Belgian Competent Body



EUROPEAN
COMMISSION



environment



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STANDARD
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Global Recycled
Standard
Certified by USB Cert.
USB TEX2701



9001:2015



14001:2015



45001:2018



50001:2018



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