



# ADVANCED TEXTILE SOLUTIONS

2025



At Tepar Tekstil, our commitment to innovation drives us to redefine boundaries every year. As we unveil our latest product catalog, we are proud to highlight the core themes of sustainability and functionality.

In today's evolving world, the demand for environmentally conscious yet high-performing solutions is greater than ever. Guided by our passion for sustainable practices and groundbreaking textile technologies, we offer a range of products that not only meet the needs of the present but also ensure a better future for generations to come.

With a relentless focus on quality and purpose, Tepar Tekstil continues to inspire the textile industry with yarns that combine eco-friendliness with exceptional functionality. Join us on our journey toward a more sustainable and innovative future.

*Tepar Tekstil olarak her yıl yenilikçi anlayışımızla sınırları yeniden tanımlıyoruz. Bu yılki ürün kataloğumuzu sunarken, sürdürülebilirlik ve fonksiyonellik temalarını vurgulamaktan gurur duyuyoruz.*

*Günümüz dünyasında, çevreye duyarlı ve yüksek performanslı çözümler ihtiyacı her zamankinden daha fazla. Sürdürülebilir uygulamalara olan tutkumuz ve yenilikçi tekstil teknolojilerinden aldığımız ilhamla, yalnızca bugünün ihtiyaçlarını karşılamakla kalmıyor, aynı zamanda gelecek nesiller için daha iyi bir dünya yaratmayı hedefliyoruz.*

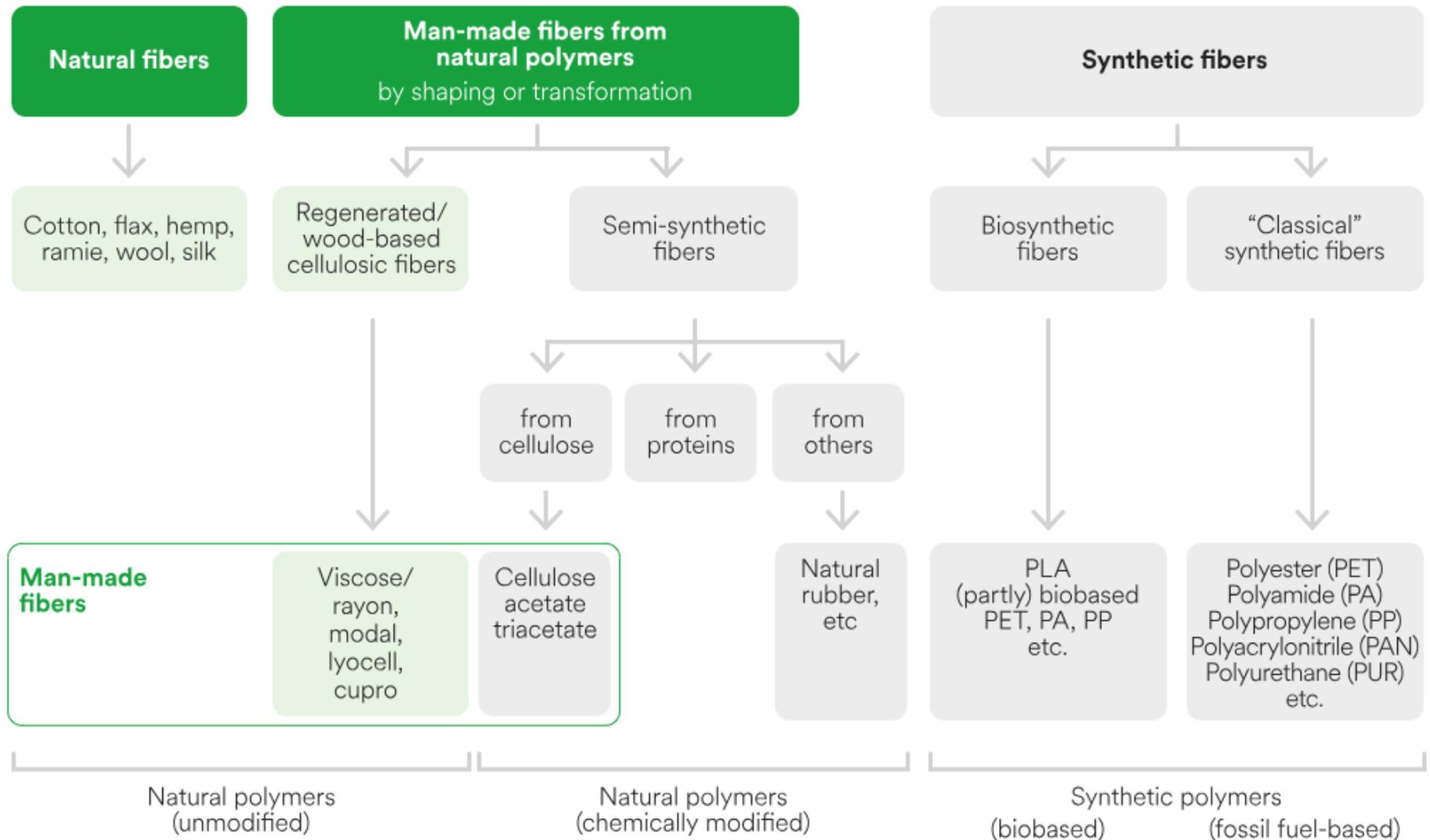
*Kalite ve amaca olan sarsılmaz bağlılığımızla, Tepar Tekstil olarak çevre dostu ve üstün fonksiyonel özelliklere sahip ipliklerle tekstil sektörüne ilham vermeye devam ediyoruz. Daha sürdürülebilir ve yenilikçi bir geleceğe olan yolculuğumuza sizleri de davet ediyoruz.*

Sevgi ve Saygılarımla / Warm regards,

Hasan Tepe

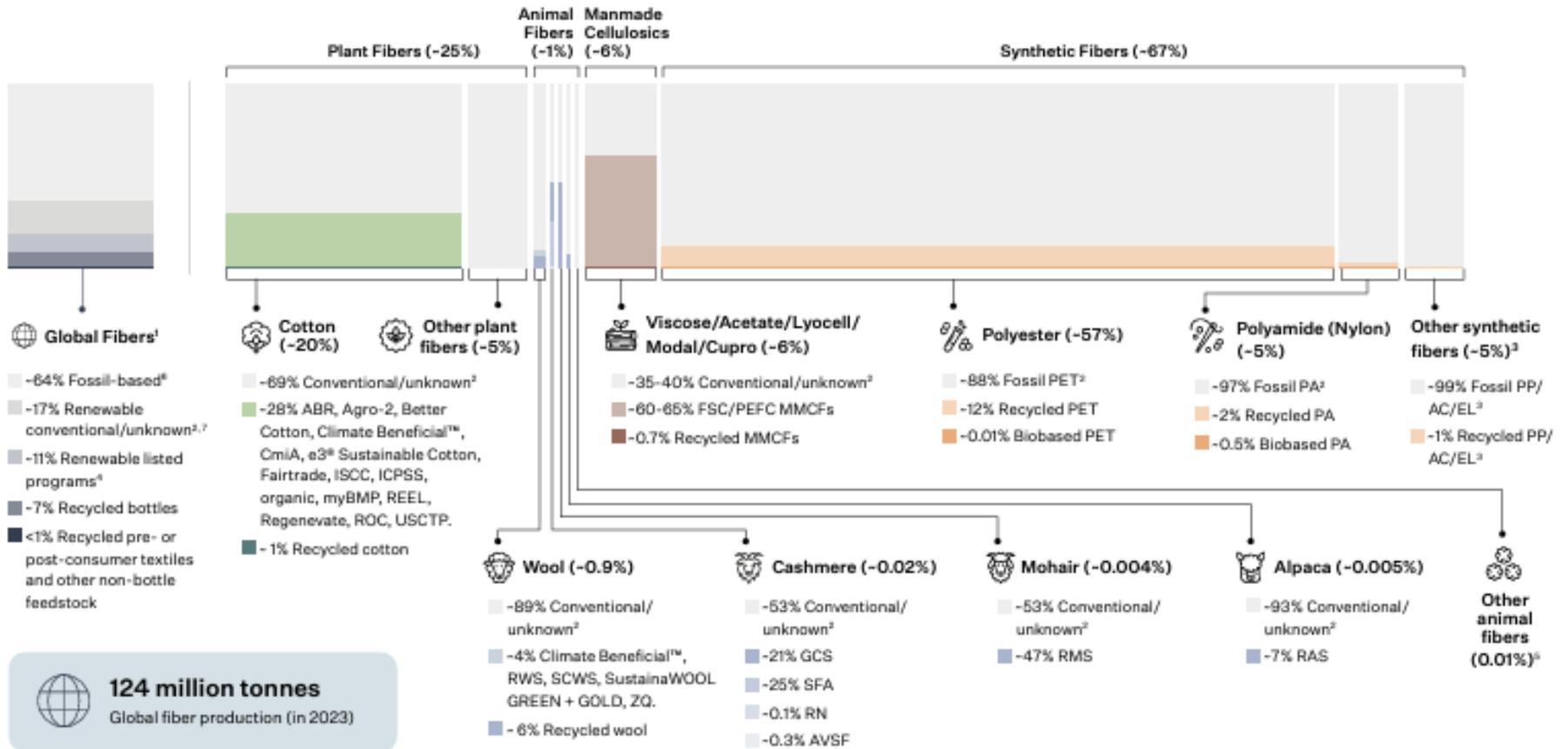
Founder & CEO, Tepar Tekstil

Fiber types on the world market<sup>a</sup>



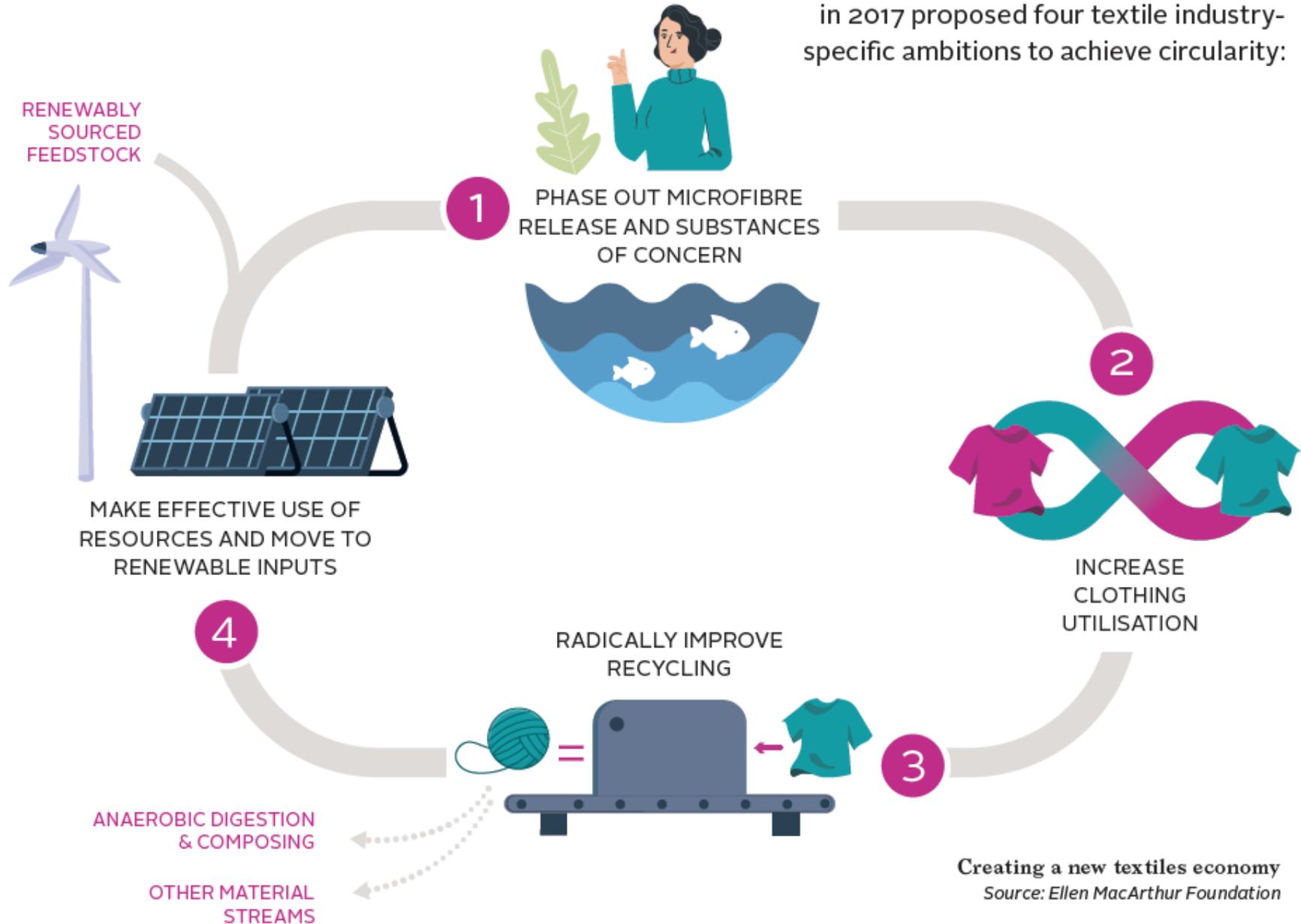
a) Modified from BISFA (International Bureau for Standardisation of man-made fibers), 2017. Terminology of man-made fibers. <http://www.bisfa.org/wp-content/uploads/2018/06/2017-BISFA-Terminology-final.pdf> [Accessed February 15, 2022]

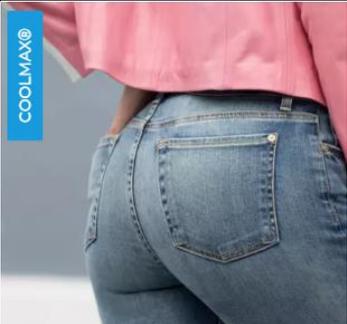
# The global fiber market 2023: Program overview



1 This graph aims to inform the industry about global total fiber production volumes and the shares covered by different programs.  
 2 'Conventional/unknown' includes volumes of programs for which data is not accessible or available.  
 3 Other synthetic fibers include polypropylene (PP), acrylic (AC), and elastane (EL).  
 4 Renewable listed programs include here all the programs listed in this chart apart from the recycled fibers.  
 5 Other animal fibers include here angora, camel, guanaco, llama, vicuna, yak, and silk.  
 6 Fossil-based is calculated as the synthetic total excluding recycled and biobased synthetics.  
 7 Renewable conventional/unknown is calculated as the global fiber total excluding fossil-based, the renewable listed programs, recycled bottles and recycled pre- or post-consumer textiles and other non-bottle feedstock.

A report by the Ellen MacArthur Foundation in 2017 proposed four textile industry-specific ambitions to achieve circularity:



| No | Image   | Products  | Available        |      |                    | Images  |
|----|---|---|------------------|------|--------------------|---|
| 1  | <p><b>COOLMAX® EcoMade technology</b></p>                    | <p><b>COOLMAX® EcoMade</b> technology provides the same reliable cooling performance you expect from the COOLMAX® brand, but it's made with 100% recycled resources to help the environment. Eco-conscious consumers will also appreciate that this polyester fiber can be made with either 100% textile waste or recycled PET bottles. Either option offers permanent moisture-wicking performance</p> | Textured         | Dtex | 83f 48<br>167f96   |    |
| 2  | <p><b>COOLMAX® EcoMade ALL SEASON...</b></p>                 | <p><b>COOLMAX® EcoMade ALL SEASON</b> technology is engineered to meet this consumer's needs. Made from 100% post-consumer recycled resources, this polyester fiber is designed to provide year-round comfort to many types of apparel. This versatile fiber helps the wearer stay cool when it's warm and warm when it's cool by using an innovative combination of fibers.</p>                        | Textured         |      | 83f100<br>167f200  |    |
| 3  | <p><b>COOLMAX® EcoMade Natural Touch™ fabric...</b></p>    | <p>Containing special fibers made from 100% recycled PET bottles, jeans made with patented <b>COOLMAX® EcoMade Natural Touch™</b> fabric technology will delight consumers with its combination of efficient moisture management, comfortable stretch, and its natural denim look and touch.</p>  | Air Jet Textured | Dtex | 180f200<br>360F400 |   |
| 4  | <p><b>COOLMAX® freshFX® EcoMade fabric technology</b></p>  | <p><b>COOLMAX® freshFX® EcoMade</b> fabric technology provides durable freshness in addition to the cooling performance the brand is famous for worldwide. This fiber contains a silver additive that keep garments fresh and consumers confident all-day long. Made with recycled resources to reduce waste, this technology also helps consumers feel good about their purchase.</p>                  | Textured         | Dtex | 83f48<br>167f96    |  |

|   |   |  |          |      |   |   |
|---|---|--|----------|------|---|---|
| 5 | <p><b>COOLMAX® EcoMade PRO technology</b></p>    | <p>For advanced cooling performance and reduced environmental impact, choose sustainable <b>COOLMAX® EcoMade PRO</b> technology. This specialty polyester fiber is made with 100% recycled resources and combines moisture-wicking, quick dry times, and exceptional breathability to deliver next level comfort to all high-impact end uses</p>                                   | Textured | Dtex | 83f88<br>167f176  |    |
| 6 | <p><b>THERMOLITE® EcoMade ALL SEASON...</b></p>  | <p><b>THERMOLITE® EcoMade ALL SEASON</b> technology is engineered to meet this consumer's needs. Made from 100% post-consumer recycled resources, this polyester fiber is designed to provide year-round comfort to many types of apparel. This versatile fiber helps the wearer stay warm when it's cool and cool when it's warm by using an innovative combination of fibers</p> | Textured | Dtex | 83f100<br>167f200   |    |
| 7 | <p><b>THERMOLITE® EcoMade Technology</b></p>   | <p><b>THERMOLITE® EcoMade</b> technology provides lightweight warmth for all activities. Constructed with functional, insulating hollow fibers that last, this technology can be used in apparel and non-apparel products. In addition, eco-conscious consumers will appreciate that these fibers can be made with either 100% recycled PET bottles or 100% textile waste.</p>     | Textured | Dtex | 83f100<br>167f200   |   |
| 8 | <p><b>STARLIGHT</b></p>                        | <p><b>The STARLIGHT Technology</b> is a paradigm shift in textile dyeing. It is precision color, no fade, no bleeding and requires 85% less water, 90% less harmful chemicals and result is 12% less CO2 emissions compared to traditional piece dyeing</p>  | Textured | Dtex | Polyester & Polyamide<br>22F20, 33F34, 44F34, 55F36,<br>83F36, 83f72<br>110F36, 110f96<br>167F48, 167F96, 167f144.... |  |

|    |  |   |                    |      |  |  |
|----|--|---|--------------------|------|--|--|
| 9  |  | <p><b>Matrix is an orange type section conjugate fiber</b> made of cationic polyester and nylon at a 80:20 ratio. After polyester and nylon are split in the dyeing and processing process, it becomes a microfiber of mono 0.13 dpf is obtained by physically or chemically treating the bicomponent filament, (segmented pie/16 segments) composed of two different polymers – split into a structured arrangement.</p> | Textured           | Dtex | <p>55/36*16<br/>83/36*16,<br/>110F72*16<br/>167F72*16<br/>330F166*16</p> |  |
| 10 |  | <p><b>Mirus Yarn</b> Excellent thermal keeping attributed to thermal insulation of air gap inside filament, Light weight for its thickness (hollow rate as high as 50%) manufacturing processes</p>   | DTY                | Dtex | <p>83/36, 167/36, 167/72,<br/>330/72, 330/144</p>                        |  |
| 11 |  | <p><b>Sofil is conjugated polyester with</b> unique properties Comfortable stretch and recovery, which gives freedom of movement. In the <b>PET-PTT bi-component structure</b>, the PTT shows different characteristics when heated, causing the yarn to form a crimp. <b>Elastomultiester Polyester</b></p>  | Elasterell-P SD    | Dtex | <p>44/24, 55/24, 83/24, 83/48,<br/>167/48, 167/96, 330/96</p>            |  |
| 12 |  | <p><b>Stretch yarn - PET/PBT Bi-shrinkage</b><br/>Superior stretch compared to Spandex<br/>Maintains excellent appearance and shape after frequent washing<br/>Unique 2-channel snowman-shaped cross-section for cool comfort<br/>Enhanced dyeing properties, dyeable at 115-125°C compared to conventional yarns</p>   | Elasterell-P SD FD | Dtex | <p>44/24 55/24, 83/24, 83/48</p>   |  |



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|----|--|--|-------------------|------|---|---|
| 13 | <br>     | <p><b>Air Texturing Taslan</b><br/>                 High-quality air jet textured yarns are produced from all types of continuous filament yarns (PES, PA, PP, Glass, Carbon, etc.) as well as from their various forms (FDY/FOY, POY)</p>   | AJT               | Dtex | From dtex 90 up to 5.000<br>"Customized"              |    |
| 14 | <br>     | <p><b>Autotex Polyester yarns</b> are a popular choice for automotive seat covers, door panels and head linings due to their durability, color fastness, and resistance to shrinking and stretching. They are also easy to clean and maintain, making them an ideal choice for high-traffic areas such as car interiors.</p> | FDY<br>DTY<br>AJT | Dtex | Dtex from 44 up to 3200<br>"Customized"               |    |
| 15 | <br>   | <p><b>VELOX® PBT Stretch Yarns</b><br/>                 Polybutylene terephthalate (PBT) Elastic, soft and resistant and takes dye well, even when blended with other types of fibers.</p> <ul style="list-style-type: none"> <li>• Chlorine resistant</li> <li>• Quick drying</li> <li>• Longer-lasting fabrics</li> </ul>  | Textured          | Dtex | 22F9<br>55F24<br>78F24<br>156F48<br>330F96<br>660F192 |   |
| 16 | <br> | <p><b>100% Cationic Polyester Yarns</b><br/>                 It is polymerized with compositions that include sulphonyl acid radical. Because of the existence of sulphonyl acid radical, the combination ability of the yarn with dye molecule is enhanced, improving dye ability of yarn.</p>                              | Textured          | Dtex | 55F72<br>83F72<br>110F144<br>167f144<br>330f288       |  |

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|----|--|---|--|------|--|---|
| 17 | <br>     | <p><b>Heather Effect DTY</b> is a kind of specialty yarn made by using special textured technology and several different kinds of raw material. Combining with Cationic dyeable yarn with other polyester (Virgin or Recycle) yarn, the fabric will show two tone or three tone special mélange effect.</p> | Textured (Short, Medium, Long Mélange can be designed) | Dtex | 110F108<br>110F144<br>167F144<br>330F288 |    |
| 18 | <br>     | <p><b>KARADENİZ Effect DTY</b> is a kind of specialty yarn made by using special textured technology and several different kinds of raw material. Combining with Cationic dyeable yarn with other polyester, virgin and recycled</p>  | Textured “Long Stripes” Mélange                        | Dtex | 110F108<br>110F144<br>167F144<br>330F288 |    |
| 19 | <br> | <p><b>MARMARA Effect DTY</b> is a kind of specialty yarn made by using special textured technology and several different kinds of raw material. Combining with Cationic dyeable yarn with other polyester, virgin and recycled</p>  | Textured “Short stripes” Mélange                       | Dtex | 110F108<br>110F144<br>167F144<br>330F288 |   |
| 20 | <br> | <p><b>EGE Effect DTY</b> is a kind of specialty yarn made by using special textured technology and several different kinds of raw material. Combining with Cationic dyeable yarn with other polyester, virgin and recycled</p>  | Textured “Medium Stripes” Mélange                      | Dtex | 110F108<br>110F144<br>167F144<br>330F288 |  |



|    |      |   |                                |      |  |  |
|----|------|---|--------------------------------|------|--|--|
| 21 |      | <p><b>Nylon 6 Yarn with Wicking Control</b><br/>Engineered with a special cross-section for superior moisture management, our Nylon 6 yarn ensures quick-drying, breathable, and high-performance textiles.</p>                       | DTY                            | Dtex | 22F24,44F34 and 78F48  |  |
| 22 |      | <p><b>Ultra Soft Nylon 6 Yarn, Full Dull</b><br/>Unmatched softness, durability, and flexibility. Perfect for premium, lightweight, and high-performance textiles.</p>  | DTY<br>ATY                     | Dtex | DTY 17F34,28F68,55F96,<br>78f136,<br><br>ATY 74F136, 180F272   |  |
| 23 |      | <p><b>Ultra Soft Polyester Yarns</b><br/>Polyester yarn is a high-performance fiber known for its silky softness, durability, and vibrant color retention, ideal for applications in fashion, sportswear, and technical textiles.</p> | Textured                       | Dtex | 38f72, 38f96,<br>55f72, 55f96,<br>83f96, 83f144,<br>110f144,110f192,<br>110f288,110f333<br>167f192, 167f288, 330f576 |  |
| 24 | <br> | <p><b>Air Covered Yarn</b> is a regular intermingled yarn, the covering filament yarn and Spandex are drawn meanwhile from a special jet nozzle where the yarns are air-jetted at regular intervals by high compressed air.</p>       | Textured<br>PET<br>PA6<br>PA66 | Dtex | Yarn: from Dtex 22 up to 330<br>Spandex: 17, 22,33,44,78<br>D/R : customized   |  |

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|----|--|--|-----------------------------------|------|---|--|
| 25 |  | <p><b>37.5® Technology</b> helps keep your body at the ideal core temperature of 37.5° Celsius and helps keep the microclimate next to your skin at the ideal relative humidity of 37.5%.</p>  | Textured                          | Dtex | <p>83f48<br/>83f72<br/>167f96<br/>167f144<br/>330F192<br/>330F288</p>   |  |
| 26 |  | <p>Polyester <b>chemical recycling system</b> technology, using waste clothing, scraps, and other waste polyester materials as initial raw materials, through thorough chemical</p>  | Textured Flat                     | Dtex | <p>33/24F-36F-72F<br/>55/36F-72F-144F<br/>83/36F-72F-144F<br/>110/36F-72F-96F-144F-288F<br/>167/36F-48-72-96F-144F 288F<br/>330/72F-96F-144F-288F</p>           |  |
| 27 |  | <p><b>Recycled Functional Fiber</b> with versatile functions: moisture absorption and wicking, antibacterial, anti-odor, UV protection, flame retardancy, and diverse cross-sections—designed to meet the needs of health, fashion, and comfort.</p>                                 | Textured                          | Dtex | <p>22/24<br/>33/24F-36F-72F<br/>55/36F-72F-144F<br/>83/36F-72F-144F<br/>110/36F-72F-96F-144F-288F<br/>167/36F-48-72-96F-144F 288F<br/>330/72F-96F-144F-288F</p> |  |
| 28 |  | <p><b>100% RECYCLED PET YARNS</b><br/>Billions of plastic bottles go into landfills every year. REPREEVE is the leading, most trusted, branded performance fiber made from recycled materials (including plastic bottles). Buy products made with REPREEVE to make a difference.</p> | Textured (DTY)<br>Flat Yarn (FDY) | Dtex | <p>55F36, 55F72<br/>83F36, 83F72<br/>110F36, 110f96<br/>167F48 ,167F144</p>   |  |

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|----|--|--|--------------------------|------|--------------------------|--|--|
| 29 |  | <p><b>POLYPROPYLENE</b><br/>More breathable than polyester, more insulating than wool and lighter than any other fiber. Bright - semi dull-dyed in extrusion. CUSTOMIZED colors</p>  | DTY<br>ATY               | Dtex | SD                       | FROM 1 TO 5 DPF<br>FROM 55 TO 2200 DTEX  |  |
| 30 |  | <p>New generation fiber BREATHABLE and ANTIBACTERIAL <b>Nerino G</b>. is a new hi-tech polyamide 6.6 modified molecule that sums up the best performances of natural fibres (in terms of wettability, touch feeling, comfort) and synthetic fibres (for mechanical resistance, ease of washing and drying).</p>              | DTY<br>ATY               | Dtex | FD                       | 44F34<br>78F68<br>180f136                |  |
| 31 |  | <p><b>RECYCLED POLYAMIDE 6.6</b><br/>For more ethical consumption, INFINIMO ECO is produced through the mechanical recycling of waste materials, sourced from both factories and other sources. These materials are transformed back into polymer chips, re-entering the production cycle for a more sustainable future.</p> | FDY<br>DTY<br>ACY<br>AJT | Dtex | BR<br>SD<br>FD           | From 0.5 TO 10 DPF<br>From 5 TO 300 DTEX |  |
| 32 |  | <p><b>RECYCLED POLYAMIDE 6</b>, made from 100% pre-consumer and post-consumer waste. It reduces dependence on non-renewable resources, keeps landfills cleaner and minimizes environmental impact for a more sustainable future.</p>   | FDY<br>DTY<br>AJT        | Dtex | BR,<br>TBR,<br>SD,<br>FD | From 22 up to 230                        |  |

|    |  |  |                            |      |                |   |   |
|----|--|--|----------------------------|------|----------------|---|---|
| 33 | <br><b>HydroGuard™</b>  | <p><b>HydroGuard™</b> is engineered with an inherent water-repellent structure that mimics the lotus effect, providing long-lasting protection and performance for various applications</p>  | DTY                        | Dtex | SD<br>DD       | 55<br>83<br>110<br>167<br>330<br>660    |    |
| 34 | <br><b>HydroFLEX</b><br> | <p><b>HydroFlex®</b> Enjoy a supremely soft touch and excellent absorption, providing a hydrating effect that keeps your skin comfortable and refreshed.</p>   | DTY<br>from PA 66          | Dtex | FD             | 44F48<br>90F96                          |    |
| 35 | <br><b>SPLX</b><br>      | <p><b>SPLX®</b> Fabric is all about the touch— an ultra-soft feel that combines the high-tech benefits of advanced fibers with the natural beauty of cotton. SPLX® meets the rising demand for quality intimate apparel, legwear, swimwear, activewear, and outdoor/trekking wear</p>  | ATY<br>from PA 6<br>and 66 | Dtex | SD<br>FD       | 90F68<br>170f136<br>220F136<br>340F272  |    |
| 36 | <br><b>TERRYL</b>   | <p><b>TERRYL®</b> is a bio-based polyamide fiber, made from renewable plant materials with a renewable carbon content of 45%-100% verified by ASTM 6866. It reduces reliance on fossil fuels, lowering carbon emissions. TERRYL®'s sustainability is proven through its <b>Life Cycle Analysis (LCA)</b>, highlighting a reduced Global Warming Potential.</p> | FDY<br>DTY<br>AJT          | Dtex | SD<br>FD<br>BR | 22F10,44f36,78f24,<br>78f48,78f68 x 1-2 |  |
| 37 | <br><b>eco cycle</b>  | <p><b>EcoCycle™</b> Nylon 6 is an eco-friendly, high-performance yarn made from post-consumer recycled materials. Designed for sustainability, it supports true textile-to-textile (<b>T2T</b>) transformation while reducing oil consumption and carbon emissions.</p>  | FDY<br>DTY                 | Dtex | SD<br>FD       | 22D ~ 155D / 12F ~ 96F                  |  |



|    |  |  |                                    |             |   |   |  |
|----|--|--|------------------------------------|-------------|---|---|--|
| 38 |  | <p>Flat yarns: 22 to 300 dtex<br/>Textured yarns: 17 to 6,000 dtex<br/>capillary cross sections: Round, trilobal, triangular,<br/>DTY = draw textured yarn<br/>ATY = air textured yarn</p>   | <p>FDY<br/>DTY<br/>ATY</p>         | <p>Dtex</p> | <p>SD<br/>FD<br/>TBR<br/>CD<br/>DDB<br/>DDC</p> | <p>33f24,<br/>55f36,55f72,<br/>83f36,83f72,83f144,<br/>110f36,110f96,110f144<br/>167f36,167f48,167f96,<br/>167f288,<br/>330f72,330f96,330f288</p> |  |
| 39 |  | <p>Knit De-knit (<b>KDK</b>) is a form of texturizing wherein a crimped yarn is made by knitting the yarn into a fabric, and then heat-setting the fabric. The yarn is then unraveled from the fabric and used in this permanently crinkled form.</p>  | <p>KDK</p>                         | <p>Dtex</p> | <p>FD<br/>SD<br/>BR<br/>CD<br/>DD<br/>FR</p>    | <p>From 110 to 5.500 dtex</p>   |  |
| 40 |  | <p><b>Relaxx® with Engineered Stretch Yarn</b><br/>Relaxx® stretches as needed and bounces right back, because it's engineered that way—the stretch technology is part of the fiber.</p> <ul style="list-style-type: none"> <li>▪ No snarl yarns.</li> <li>▪ Soft Hand feel</li> <li>▪ 4-way stretch</li> </ul>                                  | <p>Patented method of covering</p> | <p>Dtex</p> | <p>SD<br/>FD<br/>TBR<br/>CD<br/>DDB<br/>DDC</p> | <p>44-22/7 1550<br/>22-33/20/1 1000<br/>22-44/34 650<br/>22-44/13 1000<br/>22-78/68/1 600<br/>Customized</p>                                      |  |
| 41 |  | <p>The reputation of <b>DURAFIL™</b> for durability is built on <b>DURAFIL™</b> Fabric, which provides excellent tear strength, abrasion resistance, and water repellency.</p>   | <p>AJT</p>                         | <p>Dtex</p> | <p>SBR<br/>Dyed</p>                             | <p>240, 380,560,<br/>770,1100</p>   |  |
| 42 |  | <p><b>EcoLock™</b> uses solution-dyed technology, locking color at the molten-polymer stage. This results in UV fade resistance, consistent color, high abrasion resistance, and durability. It consumes less water and energy, emitting fewer greenhouse gases, making it a more sustainable choice with a lighter environmental footprint.</p> | <p>FDY<br/>AJT</p>                 | <p>Dtex</p> | <p>DD</p>                                       | <p>470<br/>940<br/>560<br/>1100</p>   |  |



|    |  |  |   |  |   |  |
|----|--|--|---|--|---|--|
| 43 |  | <p><b>The world's first compostable polyester fiber</b><br/>                 Cotton Soft Touch, Low Pilling, Low-Temp Dying, Hydrophilicity, Natural Wicking and Quick Dry<br/>                 95.4% decomposition in just 179 days. *<br/>                 * <i>Under industrial composting conditions</i></p>                 | <p>Staple Fiber</p> <p>Spun Yarns (100% CELYS, 60/40 cotton/CELYS, or 60/40 modal or Tencel /CELYS.) Vortex or Siro Compact</p> |  | <p>Dtex 1.1X38mm<br/>                 Dtex 1.5X38mm</p> <p>Ne 30s</p>   |  |
| 44 |  | <p><b>EcoFiberX™ PLA Yarn</b> is an innovative and eco-friendly yarn made from polylactic acid (PLA), derived from renewable sugarcane resources. This sustainable yarn offers an excellent alternative to traditional petroleum-based fibers, significantly reducing carbon footprint and contributing to a greener planet.</p> | <p>Spun Yarns (Ne)</p> <p>Filamernt Yarns (dtex)</p>  |  | <p>10s,20s,30s,40s,50s<br/>                 60s</p> <p>55F24-48<br/>                 83F36-72<br/>                 110F72-96<br/>                 167F144</p> |  |
| 45 |  | <p><b>COFIL® is an Environmentally friendly and Flame-Retardant PVC Polyester Coated Yarn.</b> Sunscreen is PVC coated polyester woven fabric with special functions such as fire retardant, UV blockage, reducing the heat gain and glare, strong color fastness.</p>   |   |  | <p>Dtex<br/>                 850- 1100-2200<br/>                 3000</p>   |  |
| 46 |  | <p><b>SAKURA™ textured split yarn</b> has a soft touch and excellent drape and a superiors and effect compared to the more Conventional monofilament <b>TEXTURED</b> Yarns.</p>  | Textured  | <p>SD<br/>                 High Shrink<br/>                 REPREVE<br/>                 DDB</p> | <p>Dtex 22f1</p>  |  |

|    |  |  |                       |      |   |  |
|----|--|--|-----------------------|------|---|--|
| 47 |  | <p><b>Permanently Flame Retardant</b> without the use of additional finishes<br/>                 High abrasion resistance<br/>                 Innovative products through continuous development of Tepar Filaments<br/>                 No afterglow, very low emission of fumes in the event of fire<br/>                 Meets the important international fire protection standards. P. content of <b>6500 ppm</b></p> | AJT<br>DTY            | Dtex | S<br>D<br>83F36, 83F72,<br>110F36, 167F48<br>167F96, 167F144,<br>330F96, 330F288      |  |
| 48 |  | <p><b>VALENS®</b> is the ultrahigh molecular weight polyethylene (<b>UHMWPE</b>) fiber manufactured by a unique spinning technology.<br/>                 VALENS® shows high tensile strength, high modulus, high durability, and other useful property enough to called 'Super Fiber'.</p>  | FDY                   | Dtex | S<br>D<br>33,55, 110, 220,330,<br>440,660,<br>1100,1670,1800,3300                     |  |
| 49 |  | <p><b>High Tenacity Industrial yarn</b><br/>                 Super Low, Low, regular Shrinkage, Anti-Wicking<br/>                 Adhesive Activated, Dope Dyed, Recycled / Bio, Flame Retardant, Mooring<br/> <b>PET, PA and PA 66</b></p>  | FDY                   | Dtex | B<br>R<br><b>PET</b> From Dtex 33 up to 4400<br><b>PA 66</b> from Dtex 110 up to 2800 |  |
| 50 |  | <p><b>Aramid fiber</b> was the first organic fiber used as reinforcement in advanced composites with high enough tensile modulus and strength. They have much better mechanical properties than steel and glass fibers on an equal weight basis. Aramid fibers are inherently heat- and flame-resistant, which maintain these properties at high temperatures. Meta- aramid, Para- aramid!</p>                               | FDY<br>ATY<br>twisted | Dtex | 930,1100,1670 and 3300  |  |
|    |  |  | Spun Yarn             | Ne   | 10, 20,30   |  |

Note:

Note:

# Supply chain standards

### *Standards that can be used for multiple fiber types*

The two leading standards for textiles made with recycled materials – the Recycled Claim Standard (RCS) and the Global Recycled Standard (GRS) – are growing too.

#### **Recycled Claim Standard (RCS)**

The Recycled Claim Standard (RCS) is an international, voluntary standard that sets requirements for the third-party certification of recycled input and chain of custody. The goal of the standard is to increase the use of recycled materials.

The RCS 2.0 has been in effect since July 2018. In a key update, it introduced the Reclaimed Materials Supplier Agreement, a document that provides more visibility into the suppliers of reclaimed materials.

The number of RCS-certified sites increased from 10,139 in 2022 to 12,869 in 2023.

#### **Global Recycled Standard (GRS)**

The GRS, which goes beyond the RCS, includes additional criteria for social and environmental processing requirements and chemical restrictions.

The GRS 4.0 was released in parallel to the updated RCS version and has been in effect since July 2018. A key change was the adoption of ZDHC's Manufacturing Restricted Substance List V1.1 (MRSL), which replaced GRS's previous Prohibited Substance List.

The number of GRS-certified sites increased significantly from 34,178 in 2022 to 43,427 in 2023.

In April 2021, Textile Exchange initiated the early phases of another revision of the GRS and RCS. Soon after, the review

of GRS/RCS criteria was rolled into the development of the Materials Matter Standard. Read more [here](#).

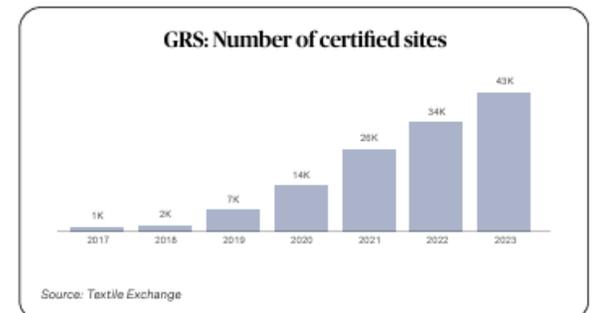
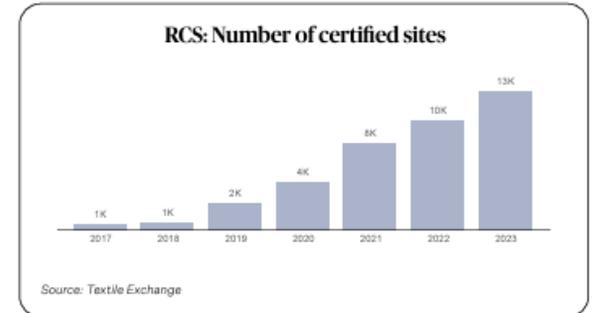
#### **Materials Matter Standard**

In 2021, Textile Exchange began a sweeping revision of its standards framework with the aim of developing a harmonized system that incorporates outcomes aligned with our climate and nature strategy. Known as “the unified standard” during its development, the Materials Matter Standard Pilot Version V1.0 was released publicly on June 4, 2024. The final version of the standard will be published in 2025, becoming effective in Q1 2026 and mandatory in mid-2026. Learn more about the Materials Matter Standard transition [here](#), and about the pilot [here](#).

#### **Cradle to Cradle (C2C)**

Cradle to Cradle Certified® is a globally recognized measure of safer, more sustainable products made for the circular economy.

The Cradle to Cradle Certified® Standard Version 4.0, released in March 2021, features new and enhanced requirements in all performance categories, including new frameworks for Product Circularity and Social Fairness that define global best practices, more rigorous requirements for clean air and climate protection that promote urgent action to address climate change, expanded requirements in water and soil stewardship to ensure clean water and healthy soils are available to people and all other organisms, and improved alignment with leading chemical regulations and other standards on material health requirements, including a new Restricted Substances List. Read more [here](#).





## Tepar Tekstil Working Policy

Welcome to **Tepar Tekstil!** Our commitment is to serve our customers efficiently and effectively. To achieve this, we have established clear guidelines for inquiries and communication:

**First-Time Inquiries:** If you're contacting Tepar Tekstil for the first time, please provide comprehensive information about your company, market position, and business activities. We value transparency and do not entertain anonymous or 'stealth mode' inquiries.

**Contact Through Mobile Phones:** We prioritize inquiries through mobile phones only if we have an existing relationship with you.

**Information Requirement:** For new and returning customers alike, detailed information is crucial. Providing complete details about your requirements helps us serve you promptly and accurately. For your convenience, we offer a downloadable checklist to streamline this process.

**No Response to Anonymous or Incomplete Inquiries:** We do not respond to anonymous inquiries from mass mail providers (like Gmail, Yahoo, Hotmail, etc.) without full contact details. Similarly, incomplete inquiries about products or applications that do not align with our interests will not be entertained.

**Specific Questions and Quantities:** Please be specific with your questions. General queries without context or specific requirements will not be addressed. Information about quantities for tests, trials, first deliveries, and annual consumption is essential for us to provide accurate offers.

**Sample Policy:** We do not stock samples due to the vast range of products we handle. Samples are ordered case-by-case and must be paid for, including shipping costs.

**Product Range and Confidentiality:** Tepar Tekstil specializes in yarn and fiber specialties of the highest quality. We do not engage with inquiries for substandard or stock lot products. Customer activities and requests are treated with utmost confidentiality.

**Guidance and Coaching:** For extensive guidance or long-term coaching on product developments, we offer specialized support subject to specific agreements covering working time and costs.

**General Inquiries:** For standard products at low prices, or inquiries from individuals and one-person companies, we recommend exploring other sources.

**Contact Details:** We expect complete contact details with your first communication, especially if using a mass mailing service. Inquiries without full details will be automatically deleted.

**Thank you for choosing Tepar Tekstil. We look forward to a successful collaboration!**

A close-up photograph of a cotton plant with several white cotton bolls. A red stamp with the word "SAMPLE" in white, bold, capital letters is overlaid on the right side of the image. The stamp has a distressed, ink-like texture.

## Tepar's Sampling policy

### Free samples have NO value!

At Tepar, we have refined our sampling policy based on extensive experience. Our approach is grounded in the belief that free samples often don't lead to productive outcomes. Therefore, we focus on fostering success by supporting trials that demonstrate commitment and potential.

Our policy is tailored to engage with customers who are serious about their projects and show a willingness to invest in their success. This is why we require payment for samples. This approach ensures that our customers value the samples highly and have thoroughly assessed the risks and opportunities of their initiatives. Our past experiences have shown that unpaid samples frequently result in a lack of feedback and outcomes, which is not conducive to mutual success.

Our long-term partnership strategy includes the following key elements:

- Prioritizing support for customers who demonstrate seriousness and a track record of success in their sample requests.
- Producing requested samples.
- Implementing a policy where customers are charged for samples and their shipment. This includes a minimal charge for the samples (which can be reimbursed once the project scales up industrially) and the actual shipping costs.
- Offering a cost refund scheme once the customer's project enters the commercial phase and Tepar begins regular supply.

We appreciate your understanding of our policy. It's designed to ensure a strong foundation for a successful and enduring partnership with Tepar, your reliable long-term ally. Thank you for choosing us to be a part of your journey towards success.



 **Tepar**

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[www.tepar.com](http://www.tepar.com)  
[tepar@tepar.com](mailto:tepar@tepar.com)