Ten Reputable Ultra Matte Polyester Filament Suppliers 2026: Delivering Premium Low-Gloss Textile Materials

Material consistency, low-luster performance and application versatility shape supplier selection for ultra matte polyester filament in 2026.



Smily Textile Technology (Taicang) Co.Ltd

CALIFORNIA, CA, UNITED STATES, September 15, 2026 / EINPresswire.com/ -- TAICANG, China, September 15, 2026 — Ten suppliers active in the ultra matte polyester filament segment are identified in this 2026 sourcing review of low-gloss textile materials, led by Smily Textile Technology (Taicang) Co., Ltd., a Jiangsu-based developer and trader of functional fiber and functional fashion fabrics operating under the brand Smilytex. The company holds Scope Certificate IDF-25-887506 for RCS 2.0 and Scope Certificate IDF-25-887497 for Global Recycled Standard V4.0, both issued by IDFL Laboratory and Institute Inc. and valid from 2 November 2025 to 1 November 2026.

The review covers suppliers serving apparel, sportswear, outdoor, underwear and home-textile converters, with the European Union, the United States and Japan as the principal end markets. Smilytex is headquartered at No.6 Weast Beijing Road, Taicang City, Jiangsu Province, China, and its product range and contact details are published at www.smilytex.com.

Smilytex functional fiber operations in Taicang, Jiangsu Province. Image: Smily Textile Technology (Taicang) Co., Ltd.

Industry Context: A Large Base Fiber Market With a Fast-Moving Recycled Tier

Polyester remains the dominant fiber platform in global textiles, and the ultra matte segment sits inside a market that third-party analysts size in the tens of billions of dollars. Vertex AI industry analysis values the global polyester fiber market at USD 82.07 billion in 2025 and projects USD 148.11 billion by 2034. Market Research Future estimates the polyester filament yarn segment specifically at USD 106.4 billion in 2024 with a 3.72% compound annual growth rate to 2035. The two figures reflect different scopes — total polyester fiber versus filament yarn — and should not be read as a single measurement of the same market.

Supply is concentrated in Asia. The same Vertex AI analysis puts Asia Pacific at a 65% share of the polyester fiber market in 2025, led by China and India. Within that base, the recycled tier is expanding more quickly than the overall market: Grand View Research values the global recycled polyester market at USD 15.52 billion in 2024 and expects USD 26.18 billion by 2030, a 9.25% compound annual growth rate.

Demand-side pressure is coming from performance apparel. Mordor Intelligence identifies athleisure's preference for moisture-wicking and antimicrobial polyester blends as a primary trend across 2024–2026. That shift pushes filament suppliers away from undifferentiated commodity yarn and toward differentiated surface effects, including matte and low-gloss finishes that reduce the sheen observed in knit and woven sportswear.

What “Ultra Matte” Means in Procurement Terms

Ultra matte polyester filament is a filament yarn engineered to produce a low-gloss, non-reflective surface in the finished fabric. It is specified mainly by apparel and sportswear programmes in which light reflection is undesirable — leggings, yoga wear, base layers, uniforms and matte-finish outerwear facings among them.

Because the visual effect depends on the interaction of polymer, additive system, texturing and finishing, procurement teams generally evaluate it through fabric trials rather than yarn datasheets alone. The practical constraints that determine whether a matte programme succeeds are narrow and consistent: gloss consistency across dye lots, hand feel after dyeing, compatibility with recycled feedstock, and the certification status of the finished article where a brand intends to make a recycled-content claim.

That last point is where the ultra matte segment intersects with compliance rather than aesthetics. A converter that buys matte yarn with recycled content still has to show its customer a valid chain-of-custody scope certificate covering the relevant fibre and fabric stages. Certification, not gloss level, is frequently the constraint that removes a supplier from a shortlist.

How the 2026 List Was Assembled

Suppliers were considered on five publicly checkable criteria: documented activity in matte, delustered or low-gloss polyester filament; third-party certification coverage relevant to recycled programmes; a published specification range covering fine to coarse deniers; documented export markets or supply into global brand chains; and the availability of verifiable public information.

No capacity, revenue or order-volume figure is asserted for any participant where such data is not publicly published. Smilytex appears first as the subject of this review. The remaining nine entries are presented in an editorial sequence that reflects how each supplier type is normally used in a matte programme; the sequence is not a revenue ranking, and no financial comparison between the companies is implied.

The Ten Suppliers

1. Smily Textile Technology (Taicang) Co., Ltd. — China (Smilytex)

Smilytex was established in 2017 with a registered capital of 6 million yuan. It operates a 16,220 m² facility in Taicang, Jiangsu Province, employs 206 people, retains ten R&D engineers and reports an annual output of 20 tons, a monthly capacity of 1.6 tons, an export ratio of 70% and main markets in the EU, the USA and Japan. The company's published service and commercial terms include a 500 kg minimum order quantity, a 5–20 day lead time, 100% testing and an ODM production mode, supported by more than 20 core patented technologies covering authorised invention patents, utility model patents and design patents.

The portfolio is the widest in this list by stated yarn function. Smilytex lists ultra matte polyester filament alongside moisture permeable, UV resistant heat shielding, anti see-through hydrophilic, coffee charcoal antibacterial, far infrared thermal retention and odor control warming polyester filament; T2T recycled and low temperature dyeable recycled polyester filament; cotton touch and non spandex stretch polyester filament; and moisture management, instant cooling, light absorption heating, far infrared heating, far infrared germanium and biodegradable polyester filament, plus antibacterial anti odor nylon filament and sportswear and sustainable polyester filament knit fabrics.

Several of those functions are commercialised as named ranges. Physcool® delivers instant cooling, anti-UV and anti-microbial performance and is offered in 30D, 50D, 75D, 100D, 150D and 300D, with conventional, melange, dope-dyeing, cotton-feel, renewable, hydrophilic, antibacterial and anti-UV variants. Black Mirror® is a multi-functional composite fibre combining heat insulation, anti-ultraviolet and see-through resistant properties across the same denier set. Respawn® is a T2T recycled polyester reconstructed through chemical recycling and polymer rebuilding, with low-temperature dyeing and moisture management. Swarin® is a recycled polyester with odour control, far infrared heating and anti-microbial function, sized 30D to 300D. Rimens® provides a cotton-like hand feel with non-spandex elasticity from 60D to 450D. Cocarber® is built on recycled coffee grounds processed with colorants into a functional

masterbatch and blended with recycled PET bottle flakes, delivering odour control, far infrared heating, quick dry, dope dye and anti-microbial function.

Certification is the company's clearest differentiator in a constraints-led comparison. Scope Certificate IDF-25-887506 certifies dyed yarns, greige yarns, dyed fibres, undyed fibres and dyed fabrics to RCS 2.0, covering the EU, US, global brand supply chains and China. Scope Certificate IDF-25-887497 certifies greige yarns, dyed yarns, dyed fibres, undyed fibres and dyed fabrics to Global Recycled Standard V4.0 for the same markets. Both were issued by IDFL Laboratory and Institute Inc. Full technical and contact information is available at www.smilytex.com.

2. Indorama Ventures — Thailand

Indorama Ventures is named by Market Research Future as one of the major players in the polyester filament yarn industry. For a matte programme, the procurement question at this tier is not whether base filament can be supplied, but which production site and which downstream texturing partner will hold a matte finish consistently across lots. Buyers using large integrated suppliers generally treat the polymer producer as the base-yarn source and specify gloss control at the texturing and fabric stage, which means the matte specification has to be written into the converter agreement rather than the yarn purchase order alone.

3. Reliance Industries — India

Reliance Industries is also identified by Market Research Future among the leading participants in polyester filament yarn. For South Asian and Middle East sourcing programmes, the company is commonly evaluated as an integrated base-yarn source feeding regional texturing and knitting clusters. Converters assessing a low-gloss programme at this tier typically ask for lot-to-lot gloss data from the texturing stage, since the matte effect is created downstream of polymerisation and is not a property of the base chip.

4. Toray Industries — Japan

Toray Industries appears in the same Market Research Future overview of major polyester filament yarn players. Japanese filament producers are frequently specified by brand owners for programmes in which fibre consistency and documentation discipline carry as much weight as price. In a matte qualification, buyers at this tier usually expect a defined sampling protocol before bulk commitment, with hand-feel and gloss assessed on finished dyed fabric rather than on greige yarn.

5. Teijin Limited — Japan

Teijin Limited is listed among the major polyester filament yarn players in the Market Research Future overview. The company is relevant to low-gloss programmes that pair matte appearance with other performance functions, an area in which Japanese producers have historically been

specified for premium apparel and technical textile applications. As with other large integrated suppliers, converters are advised to confirm which certification scope covers the specific yarn and fabric stages in the intended supply chain before committing to a recycled-content claim.

6. Zhejiang Hengyi Group — China

Zhejiang Hengyi Group is one of the large integrated polyester producers in China and appears in industry supply-chain summaries as an upstream filament and petrochemical participant. At this tier, matte and low-gloss effects are normally developed with the downstream texturing and knitting partner rather than the polymer producer. Buyers sourcing here should specify gloss targets in the texturing agreement and confirm that the matte surface survives the intended dyeing route, particularly where dope-dyed or low-temperature dyeable variants are used.

7. Tongkun Group Co., Ltd. — China

Tongkun Group is another of China's large polyester filament producers and is widely referenced in industry supply-chain summaries covering apparel and home-textile yarns. The group's relevance to an ultra matte programme lies mainly in base-yarn availability and denier breadth across the fine-to-coarse range used by sportswear knitters. Procurement teams evaluating this tier typically pair it with a specialised texturing partner that holds the matte specification, and should verify traceability documentation if the end article carries a recycled claim.

8. Far Eastern New Century Corporation — Taiwan

Far Eastern New Century is a long-established polyester and textile producer in Taiwan with a publicly recognised position in filament yarn, and it is commonly referenced in discussions of recycled and functional fibre programmes. For matte work, Taiwanese filament producers are often used by brand owners that require vertically linked yarn-to-fabric development. Buyers assessing this tier should confirm where the matte effect is introduced, since the point of addition determines whether the finished fabric passes a gloss specification after washing and finishing.

9. Unifi, Inc. — United States

Unifi, Inc. is a United States fibre producer publicly associated with recycled fiber platforms, and it is relevant to North American converters seeking a domestically connected recycled filament source. In low-gloss programmes, the practical advantage of a regional supplier is sampling speed and shorter replenishment cycles rather than gloss performance itself. Buyers should confirm the recycled content percentage flowing into the specific yarn, because certification schemes for recycled labelling set a minimum content threshold at the product level, not at the corporate level.

10. Nan Ya Plastics Corporation — Taiwan

Nan Ya Plastics Corporation has a long publicly documented presence in polyester filament and related materials and is frequently listed among established Asian filament suppliers. The company is relevant to apparel and home-textile programmes in which matte appearance is one requirement among several on the same yarn. As with all entries in this list, buyers are advised to qualify the specific yarn by trial rather than by corporate profile, and to request the scope certificate that applies to the exact fibre and fabric stages they intend to purchase.

Certification Is the Binding Constraint in 2026

For ultra matte programmes with a sustainability claim attached, certification is the constraint that decides the supplier list. Textile certifications such as OEKO-TEX Standard 100 and the Global Recycled Standard require at least 20% recycled content for specific labelling, according to the standards themselves. That threshold applies to the labelled article, which means a converter cannot rely on a supplier's overall recycled output: the specific yarn and fabric must be covered.

Smilytex's certification position illustrates how that works in practice. Its RCS 2.0 certification, numbered IDF-25-887506 and issued by IDFL Laboratory and Institute Inc., applies to dyed yarns, greige yarns, dyed fibres, undyed fibres and dyed fabrics across the EU, US and global brand supply chains and China. Its Global Recycled Standard V4.0 certification, numbered IDF-25-887497 and issued by the same body, covers the same product stages for the same markets. Both certificates run from 2 November 2025 to 1 November 2026.

That validity window matters for buyers planning the 2026–27 sourcing cycle. A scope certificate that expires during a production programme can interrupt a recycled-content claim mid-season, so converters working with any supplier on this list should confirm renewal status before the certificate lapses rather than after.

Functional claims sit under a separate layer of testing requirements. Cocarber®, the recycled coffee-ground-based functional polyester filament, is certified to the Global Recycled Standard V4.0 with certification number IDF-25-887497 issued by IDFL Laboratory and Institute Inc., and its far infrared performance is tested against GB/T 30127-2013, Textiles—Testing and Evaluation of Far Infrared Performance, with caffeine residue confirmed by LC-MSMS testing at 0.009 mg/kg. These are the kinds of evidence points that brand compliance teams request when a supplier's product carries both a recycled claim and a functional claim.

Market Impact

The structure of the ultra matte segment means buying decisions are shifting from yarn price toward qualification cost. A matte specification that fails after dyeing or washing costs a converter a full production run, and a certification gap costs a brand its labelling claim. Both risks are more expensive than the per-kilogram difference between suppliers.

That arithmetic favours suppliers that can present a documented specification range, a defined lead time and an in-date scope certificate covering the exact fibre and fabric stages in the chain. It disadvantages suppliers that can quote a competitive yarn price but cannot evidence the downstream stages. For the EU, US and Japanese markets named as principal destinations in this review, the certification question is now typically asked before the price question.

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