

## High-Performance Soft TPU Modifier for Matte TPU Films | Soft-Touch, Non-Sticky, Premium Finish



**Chengdu, Sichuan Dec 23, 2025 ([Issuewire.com](https://www.issuewire.com))** - You've adjusted the formulation, slowed the cooling rate, and even changed the resin grade — but the TPU film still ends up sticky, not soft enough, and prone to color loss after aging. These persistent drawbacks limit design freedom, reduce visual appeal, and undermine performance stability. What if the solution didn't require redesigning your entire process, and instead came from enhancing the TPU material itself? [SILIKE Soft TPU Modifier particles](#) provide a revolutionary solution, upgrading TPU films for unmatched comfort, aesthetic appeal, and processing efficiency.

Take a look below at “TPU Films Face Challenges” and “How to Solve These TPU Film Problems?” to see how manufacturers can achieve matte, aesthetic, and durable high-performance TPU films with no stickiness, long-lasting softness, and enhanced overall film quality.

Why TPU Films Face Challenges?

Thermoplastic polyurethane (TPU) is widely valued for its versatility, durability, and transparency. However, conventional TPU processing often leads to:

Greasy or sticky surfaces due to oil migration during aging

Insufficient softness, limiting comfort in wearable and skin-contact applications

Dull or uneven colors, reducing design flexibility

Processing difficulties, including uneven film thickness and surface defects

These issues can compromise the quality of the final product, customer satisfaction, and market competitiveness.

### [How to solve these TPU Films Face problems?](#)=

SILIKE Soft TPU Modifier — The Solution for TPU Films with Matte Finish, Aesthetic Appeal, and Superior Performance

**Transform your TPU films with the SILIKE Soft TPU Modifier to enhance comfort, aesthetics, and performance.**

How Soft TPU Modifier Solves TPU films' Problems?

SILIKE's innovative Soft modified TPU particle series | Anti-blocking Matte Effect masterbatch—eco-friendly, high-performance TPU additives—are engineered to enhance TPU films on multiple levels:

#### 1. Softer, Resilient Films

Achieve Shore 60A hardness for excellent rebound resilience and wear resistance. Perfect for: Clothing and sportswear, engraved or embossed TPU films, and automotive interiors and door panels...

#### 2. [Long-Lasting Soft Skin Feel](#)

Unlike coatings that wear off, SILIKE Soft TPU Modifier delivers a durable, soft-touch surface ideal for: swimwear and apparel, sports shooting gloves, and indoor soft packaging.

#### 3. Matte Finish Effect Without Extra Steps

Create a premium matte finish without additional processing, saving production time and cost while maintaining aesthetic quality.

#### 4. Safe, Eco-Friendly, and Non-Toxic

Prioritize safety with solvent-free, non-toxic, odorless, and [environmentally friendly Soft TPU Modifier](#) particles. Perfect for human-contact, medical, and sustainable applications.

#### 5. Enhanced Color Design Freedom

Enjoy vibrant, saturated colors with excellent pigment compatibility, giving designers limitless creative freedom.

**Application Guide of Soft modified TPU particle series: Getting the Best Out of Your TPU Films**

Recommended Usage: Incorporate [Soft modified TPU particle](#) series during compounding or extrusion for uniform distribution.

Compatibility: Soft TPU Modifier Particle Suitable for all standard TPU formulations, including polyester and polyether-based TPUs.

Processing Benefits: Soft TPU Modifier Particle Si-TPV 3510-65A Reduced melt fracture, improved surface uniformity, and enhanced dimensional stability in films.

## Comparing SILIKE Soft TPU Modifier with Traditional Additives

Soft TPU Modifier — Eco-Friendly Innovation for Matte, Aesthetic, and Durable TPU Films

*Touch the Softness, See the Matte, Feel the Difference*

## FAQs

Q1: Can Soft TPU Modifier improve both extrusion and cast films?

Yes, it enhances processing performance and surface quality for both types.

Q2: Will it affect TPU's mechanical properties?

Soft TPU Modifier maintains tensile strength, rebound resilience, and wear resistance while improving softness and aesthetics.

Q3: Is it suitable for skin-contact products?

Absolutely. It is non-toxic, odorless, and eco-friendly, ideal for wearable and other applications.

## Take the Next Step in TPU Film Innovation

SILIKE Soft TPU Modifier particles, also known as SILIKE Modified Si-TPV (dynamic vulcanizate thermoplastic silicone-based elastomer), can be used as a high-performance matting additive, empowering manufacturers to overcome traditional TPU limitations and produce films with superior comfort, aesthetics, and sustainability. Whether you are manufacturing clothing, sports gloves, automotive interiors, or premium packaging, this modifier transforms TPU formulations into high-value products.

Join the Soft TPU Modifier Revolution and elevate your TPU films.

Please contact Amy at [amy.wang@silike.cn](mailto:amy.wang@silike.cn) or visit [www.si-tpv.com](http://www.si-tpv.com) for eco-friendly TPU additive samples, soft-touch TPU films with matte finish, or support for high-performance TPU applications.



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