



Elastollan[®] for Synthetic Leather

www.basf.com

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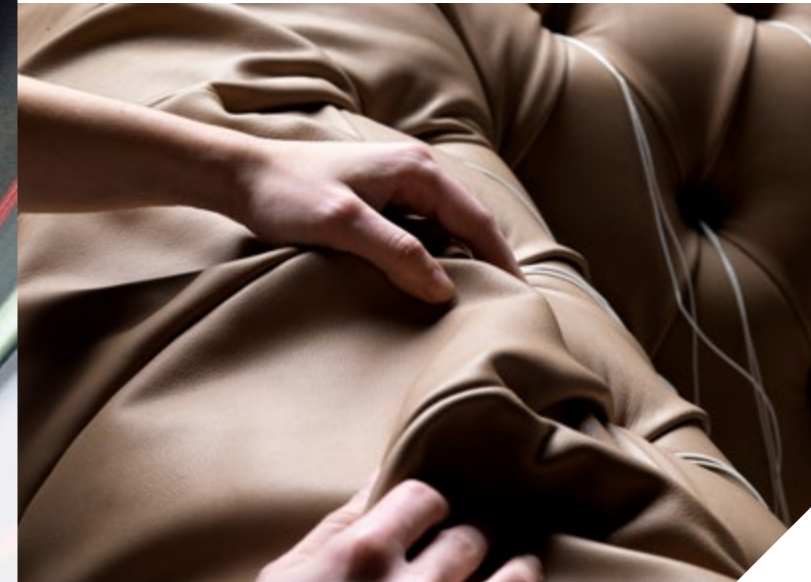
We create chemistry

Exceed with Elastollan® for synthetic leather.

BASF's Elastollan® thermoplastic polyurethane (TPU) is long-established for reliability, consistent product quality, and cost-efficiency.

As the world's leading provider of TPU, BASF now offers Elastollan® as an innovative and sustainable solution for synthetic leather applications.

Pillars of Value



High-Performance

Offers outstanding properties such as high abrasion resistance, hydrolysis resistance, and cold flexibility – empowering manufacturers to meet various industry standards and demands.

Sustainable

Can be recycled both mechanically and chemically.

Also made without the use of plasticizers. Elastollan® for synthetic leather is low odor, which helps manufacturers meet stringent VOC standards.



Drop-In Solution

Can be processed using existing PVC calendaring lines.

Hence, manufacturers can easily, safely and cost-effectively produce both PVC and high-performance TPU synthetic leather.



Elastollan® for Synthetic Leather

A high-performance, sustainable and drop-in solution.

Synthetic leather made from Elastollan® is easy to dye and emboss, offering various colors and designs.

Its versatility enables its use in a diverse range of products.

Versatility Enabling Diversity

High Abrasion Resistance

Meeting market demands



Excellent Haptics

Providing comfort and a luxurious look



Low Odor

Helping to meet stringent VOC standards



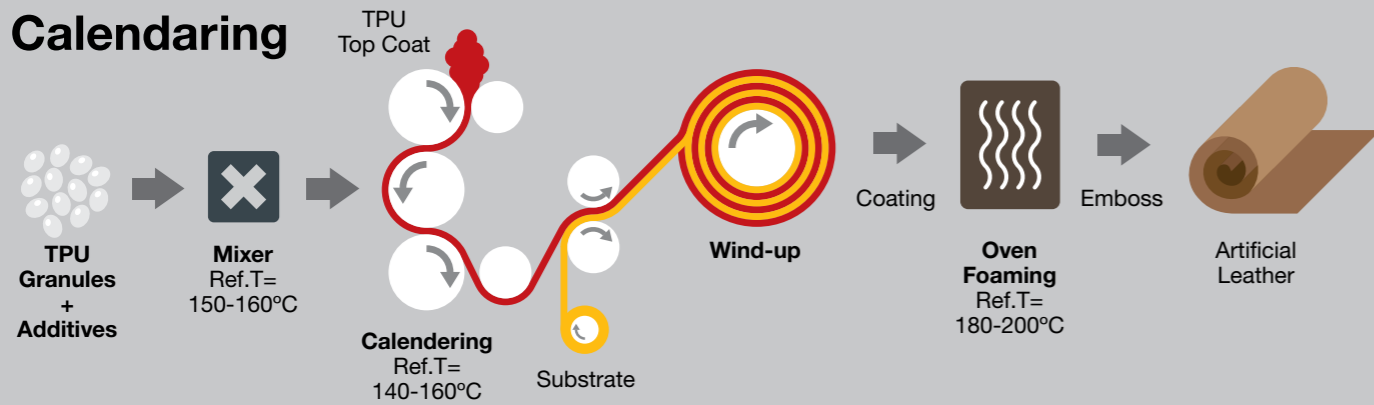
Safe and Easy Manufacturing with Elastollan® for synthetic leather

Exceed with Elastollan® for synthetic leather

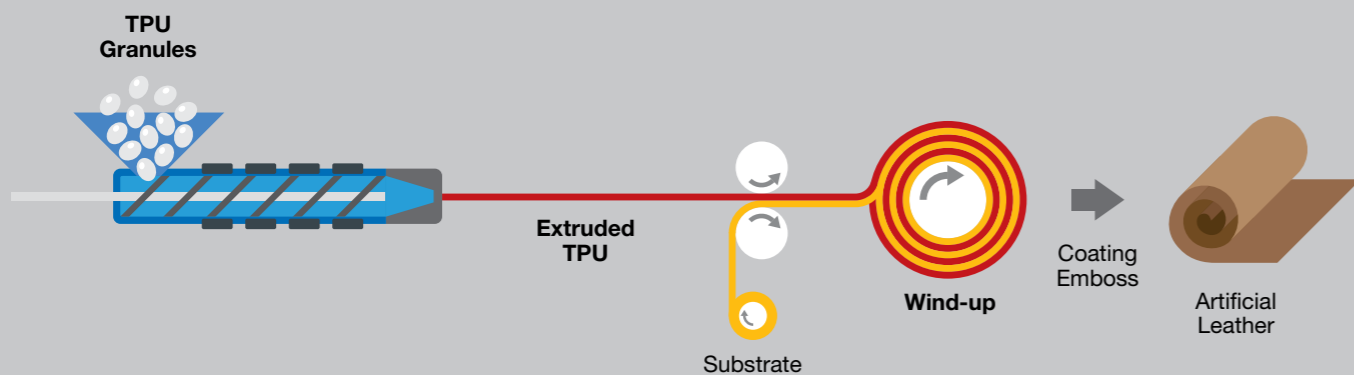
Can be processed via Calendaring or Extrusion

Can be produced without the use of plasticizer

Calendaring



Extrusion



	Polyether TPU	Polyester TPU	PVC	Solvent-Based PU
VOC	██████████	██████████	████	██████████
Haptics	██████████	██████████	██████████	██████████
Cold Flexibility	██████████	██████	████	██████████
UV Resistance	██████████	██████████	██████████	██████████
Hydrolysis Resistance	██████████	████	██████████	██████████
Abrasion Resistance	██████████	██████████	████	██████████
Processing	██████████	██████████	██████████	████

“Elastollan® for synthetic leather is offered in both polyether and polyester materials. Without the use of plasticizer, it is available in hardness ranging from 50A to 95A with an option for flame-retardancy”

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