



30% recycled content



Injection supercritical foaming



Long-term cushioning



Flexibility



Ease of moldability

A STEP TOWARD SUSTAINABILITY

Cirql® rTPU30™ is a patented, scalable and fully recyclable TPU midsole solution made with 30% recycled material. Using more recycled content and reducing landfill waste, Cirql rTPU30 expands opportunities for footwear brands to reach climate and sustainability goals for their products.

From our patented, chemical-free foaming process for which Cirql® is known, we developed an injection-molding manufacturing process for Cirql rTPU30 that can be deployed by any factory with injection supercritical foaming capabilities. Cirql rTPU30 is for every brand partner and stakeholder seeking to lower their overall environmental impact by increasing the usage of recycled content in their supply chains and reducing usage of virgin and petroleum-based materials.

PRODUCT SUMMARY

For Cirql rTPU30, our priority was achieving a substantive percentage of recycled content. First, we needed a material that would deliver on Cirql's quality standards. TPU is a trusted material for comfort footwear. It displays excellent performance in: cushioning, flexibility and ease of moldability. TPU is a commonly recycled polymer with a linear chemical structure that can be recycled several times without losing quality.

APPLICATION

Cirql rTPU30 is a new, patented, midsole material from Cirql. It's a midsole material for comfort applications made from 30% recycled TPU and 70% virgin TPU, and crafted through injection supercritical foaming. Delivering comparable performance qualities as TPU while also reducing the use of virgin materials, Cirql rTPU30 will be initially available in white only with additional color options to come in the future.

Formulation

30% Recycled/70% Virgin TPU


cirql® rTPU30™

30% Post-consumer recycled content

70% Virgin TPU

Colors Available:

Cirql rTPU30 will be initially available in white only with additional color options to come in the future.

Global Recycled Standard:

Cirql rTPU30 is made with material that meets the globally recognized standards for GRS certification.



**Contact your
Cirql Representative
regarding details
and specifications.**

