



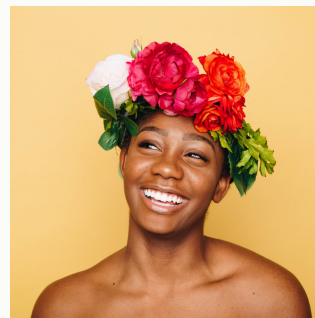
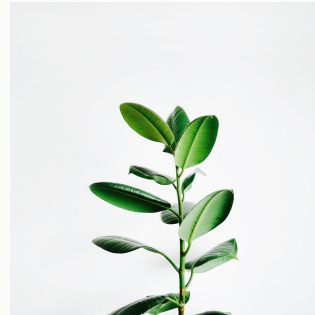
sustainable solutions

bio-based
TPU

COATING P. MATERIALS

for a brighter tomorrow

50 percent of the plastic we use, we use just once and throw away. It seems nearly impossible to escape plastic in our every day lives, and we can't escape plastic pollution, either. We urgently need a way to rise above plastics.

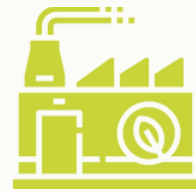


BIO IN CIRCULE



BIOMASS MATERIALS

Advance recycling to take step toward sustainability



MANUFACTURE

Increase production efficiency



CONSUMPTION

Reduce waste and pollution



RECYCLE

Keep materials and products in use

Biomass Material challenges & solutions

We're turning waste into resource, by taking bio-based polymers and incorporating them into our bio-based TPU to help our customers take step toward their sustainability objectives and create business opportunities.



bio-based TPU

*Driving a more
sustainable future
is NOW*

Bio-based TPU is partially made with renewable natural resources (such as corn, wheat, potato, etc.) and provides the same product performance as traditional fossil based TPU. High bio-based content material with environmental benefits can take step toward sustainability.

Environmental Benefits

- Save fossil resources for future generations
- Reduce greenhouse gas emissions
- Reduce waste consumption
- Advance sustainable waste management

what you imagine, we can create it

Our bio-based TPU enable the usability in every already well-known area of TPU. It can processed by extrusion and injection molding, bio content from 20%-44%.

“ We open up bio-based TPU endless possibilities to a sustainable future. ”



Featured Product

Series	Hardness	Bio content	Process
EC2P80AU	80A	44%	extrusion & injection molding
EC2P85AU	85A	41%	extrusion & injection molding
EC1P70HU	70A	29%	hot melt adhesive
EC1P65A	65A	27%	extrusion & injection molding
EC1P85A	85A	20%	extrusion & injection molding

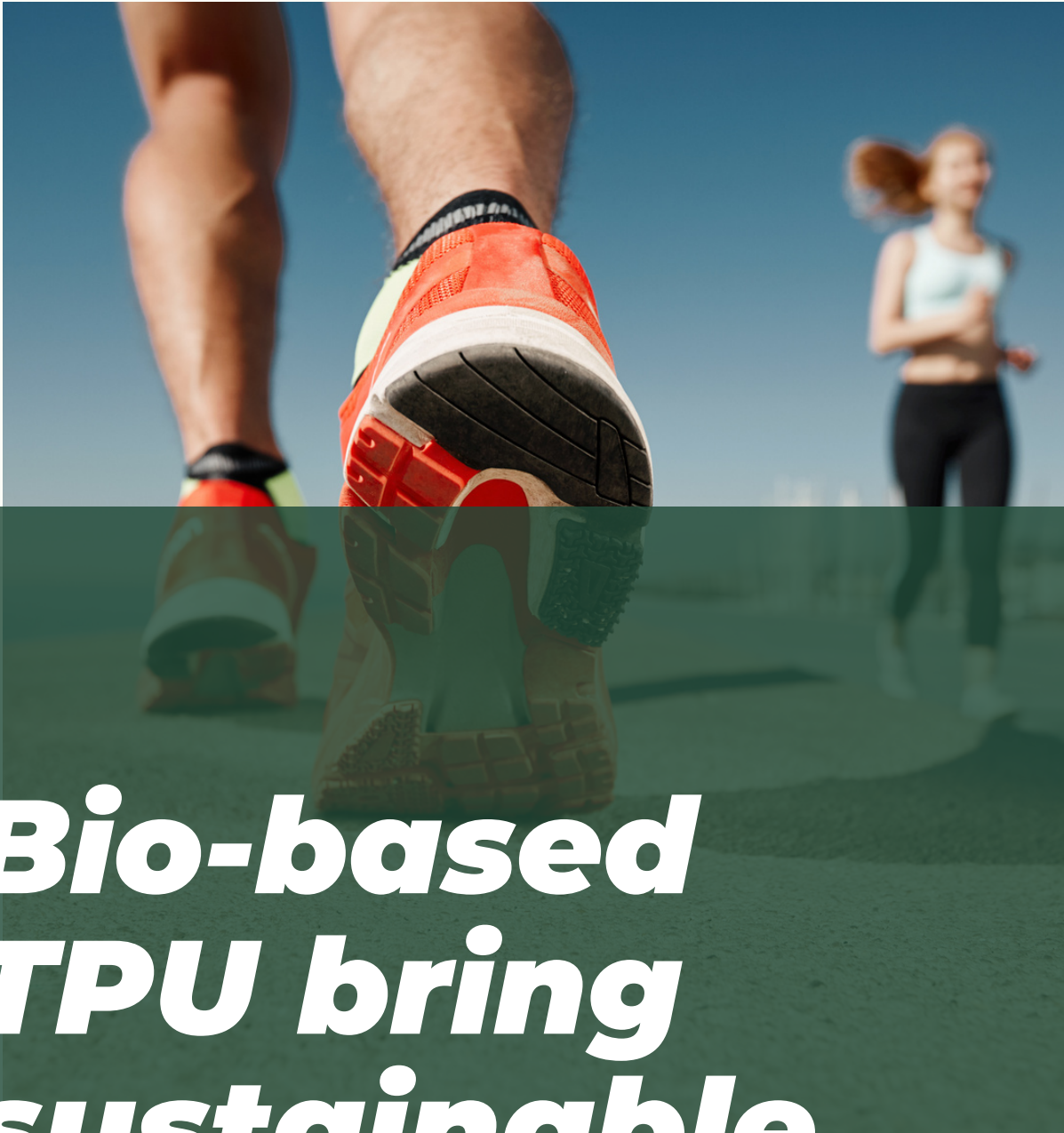
Bio-based content as determined according to ASTM D6866



Main features

- Transparency
- Excellent abrasion resistance
- UV resistance
- Hydrolysis resistance
- Outstanding chemical resistance
- Cold temperature flexibility
- Very good mechanical properties
- Superior elasticity and strength

Select a greener alternative



Bio-based TPU bring sustainable solutions

- *Textile lamination (Film and sheet / Sealing tape)*
- *Shoe materials, Automotive industry*
- *Medical and industrial applications*



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