

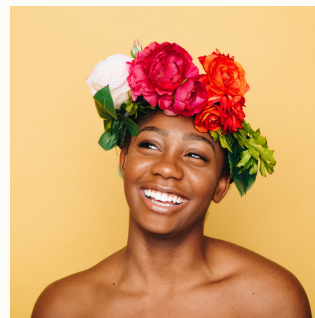


# bio-based TPU

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.



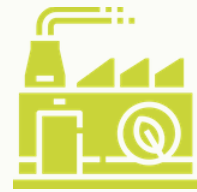


# BIO IN CIRCULE



## 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 25%-48%.

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

## Featured Product

Series	Hardness	Bio content	Process
EC2P80AU	80A	48%	extrusion & injection molding
EC2P85AU	85A	46%	extrusion & injection molding
EC1P70HU	70A	31%	hot melt adhesive
EC1P65A	65A	25%	extrusion & injection molding
EC1P85A	85A	25%	extrusion & injection molding

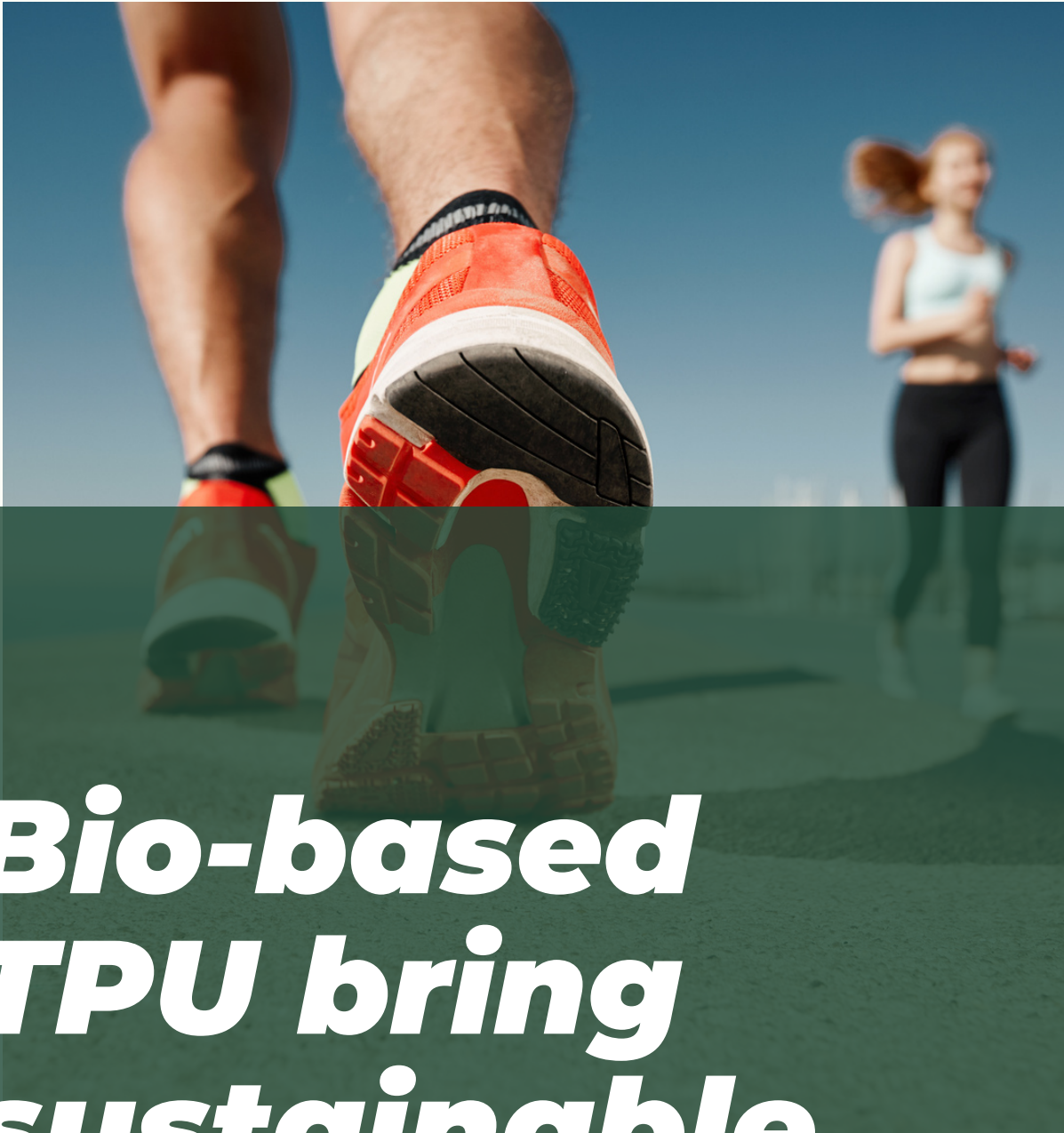
Bio-based content as determined according to ASTM D6866



### 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*





**Contact us**

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