



Our Know-how – Your Advantage

- Contains renewable materials
- Traceable bio-based/biogenic carbon content according to ASTM D 6866
- Adhesion to Polyolefins, PC, ABS, PC/ABS or PA
- Colorable
- Processing comparable to fossil-based TPE
- In-process recycling possible
- Recyclable in post-consumer waste stream

Dr. Tobias Brückner

Project leader

“With our bio-based TPEs, we are closing a gap in our product portfolio and continue our path towards more sustainable TPEs. Our bio-based TPEs offer sustainable solutions whilst maintaining known performance and offering significant reductions of the product carbon footprint. We are looking forward to projects with these new materials, supporting the transition from fossil-based to more sustainable raw materials.”

Typical Applications

- Handles
- Function and design elements
- Razors
- Caps
- Soft touch surfaces (thumb wheels, push buttons, switches)



Technical Data

		HRB9000/131	HRB9000/124	HRB9000/155
Bio content	%	55	35	49
Hardness	ShA	40	70	58
Density	g/cm ³	0.860	1.010	1.151
Tensile Strength	MPa	6.0	12.0	4.0
Elongation at Break	%	750	300	448
Tear Resistance	N/mm	10.0	29.0	16.3
Color		translucent	natural	natural
Adhesion properties	N/mm	3.2 (D) PP	6.0 (B/D) ABS	5.7 (D) PA6

TALK TO OUR EXPERTS!

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