



Compound
Customized to your needs.

Saxomer® TPE Compounds



Saxomer® TPE Compounds
Soft touch for your life

Saxomer TPE | Saxomer Motion | Saxomer®

www.pcw.gmbh



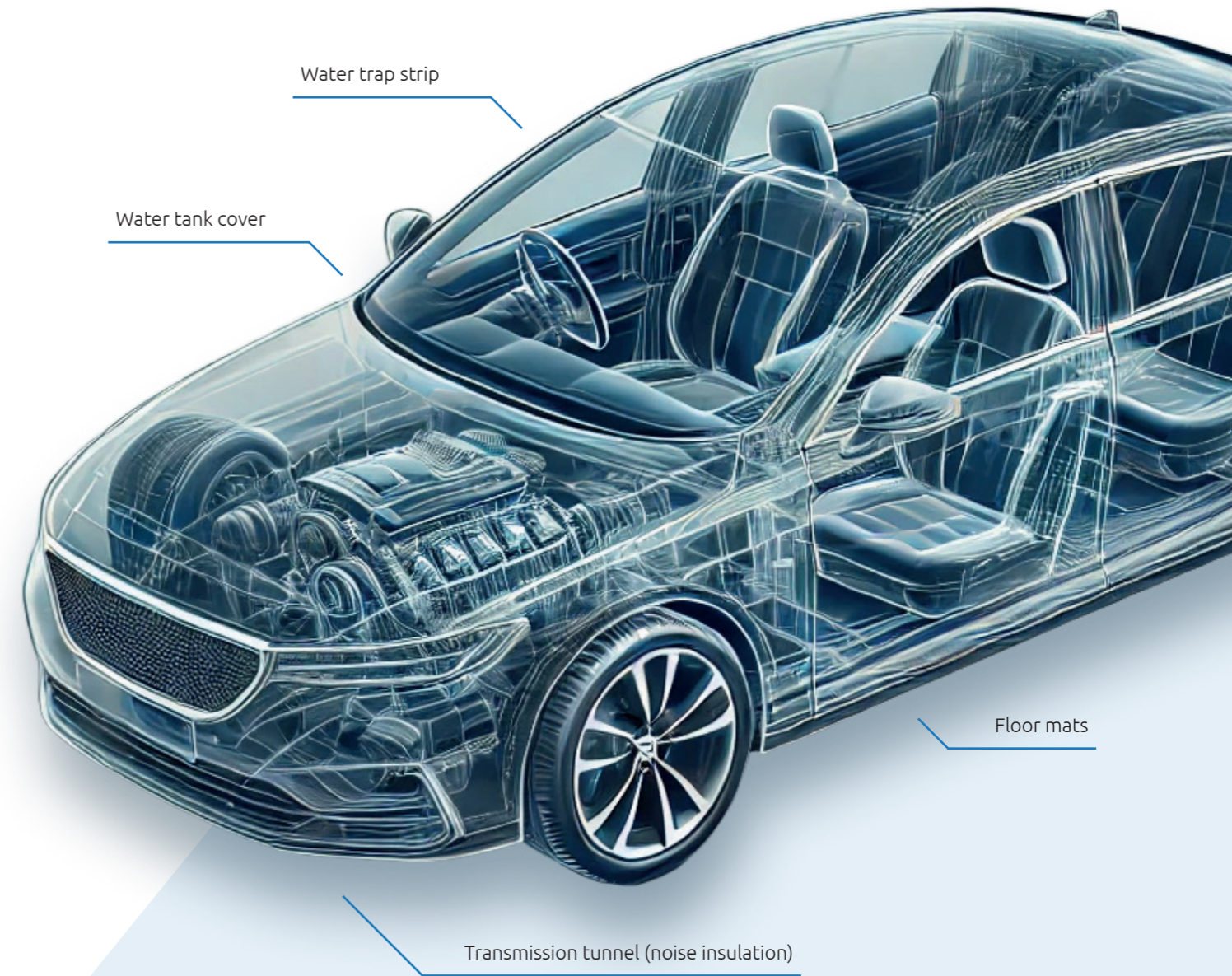
Saxomer[®] Motion

Saxomer Motion is a thermoplastic elastomer that combines the flexibility of rubber with the easy processability of engineering plastics. With reduced emissions, UV and temperature resistance and excellent haptics, it is ideal for demanding applications in the mobility sector.

Hardness: Shore 30A - 65D | Density: 0,86 - 2,00

Why you should use our TPE

- 100% recyclable
- flexible at low temperature
- excellent surface
- non hygroscopic, pre drying is not necessary
- easy to color
- very good ozone and UV resistance
- versatile processing
- resistance to acid, base and waterbased detergents
- excellence for interior and exterior
- compliant with fogging, VOC, VDA 270
- sustainable with PCR and PIR
- noise reduction, high density
- service temperature from -40°C to + 90°C
- short term resistance up to 130°C



Further products and informations
are available on request!
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Saxomer® TPE

Saxomer TPE is an SBC-based thermoplastic elastomer (TPE-S), making it the most versatile plastic in the TPE family. It combines the elasticity of rubber with the easy processability of conventional thermoplastics. Thanks to its flexibility, it is ideal for a wide range of applications.

Hardness: 30A - 65D | Density: 0,89 - 2,00

Why you should use our TPE

- resistance to weathering, ozone, UV and impact
- 100% recyclable
- translucent and transparent forms are possible
- non hygroscopic, pre-drying is not necessary
- very easy to color
- antistatic compounds possible
- grades complying to FDA regulations
- KTW approved drinkwater
- service temperature from -40°C to + 90°C
- short term resistance up to 130°C
- resistance to acid, base and waterbased detergents
- adhesion to PP, PE and engineering plastics such as PA, ABS, PS and PC.



Saxomer® eco

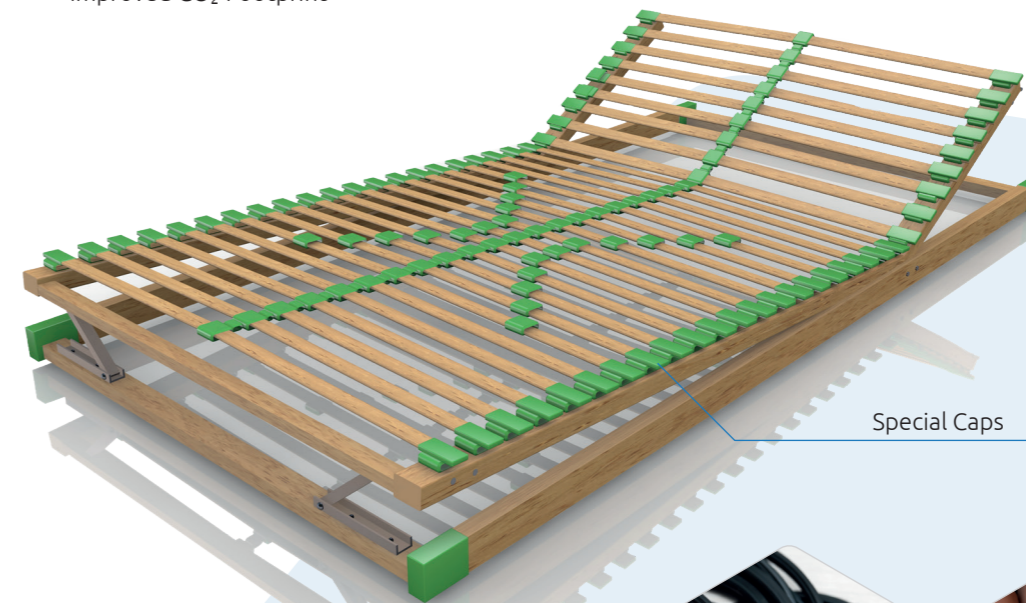
Saxomer eco is a sustainable TPE with post-consumer (PCR) or post-industrial (PIR) recycle. It contributes to waste reduction and resource conservation without compromising on quality. Ideal for environmentally friendly and future-proof applications with a reduced CO₂ footprint.

Hardness: Shore 30A - 65D | Density: 0,89 - 2,00



Why you should use our TPE

- non-hygroscopic, pre drying is not necessary
- flexible between -30°C and +65°C
- 100% recyclable
- easy to color, even in bright colors
- improved CO₂-Footprint
- up to 50% recycled content
- sustainable with PCR and PIR
- biomass balanced
- ISCC PLUS certified



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Only a couple examples of What you can produce with our compounds

Industrial applications

- Steering rollers, Tires
- Sealing for toolboxes
- Handles for tools and power tools
- shock and vibration absorbers for electrical tools
- Hoses and hose connectors
- Valves and diaphragms
- Tunnel seals

Sports

- Handles for sports equipment
- Diving goggles and flippers
- soft protectors and shock absorbers
- Eyeglass frames
- Golf article, Golf car's parts

Toys

- Teething rings
- „Soft Touch“ bath toy
- Dolls
- Toy bicycles
- Toy car wheels
- Paint toys
- „Soft Touch“ handles and parts for toys

Packaging

- Bottles seals
- Bottles handles
- Caps and closures
- Clothes hanger cover
- Storage container seal
- Plasticizer additive for plastics
- Raw material / additive for candle mixes

Household appliances

- Drain hoses and hose connections for shower, washing mashines and dishwashers
- Anti-slip feet and mats
- Sealing
- Bellows
- Vibration and shock absorbers
- Refrigerator sealing
- Different garden applications like water hose or garden equipment etc.
- knife handles

Installations and superstructures

- Coextruded window seals
- Seals for shower cubicles
- Seals for doors, pipes and fittings
- expansion joints
- Roof membranes
- Water sealing systems

Constructions and configurations

- Bed springs and slatted caps
- Armrests
- „Soft Touch“ handles and functional elements for furniture
- Coverings and coverings
- Sealing for the sanitary area
- objects and „Soft Touch“ parts of all kinds
- Garden furniture and accessories
- Ice cube maker

Electrical and electronics

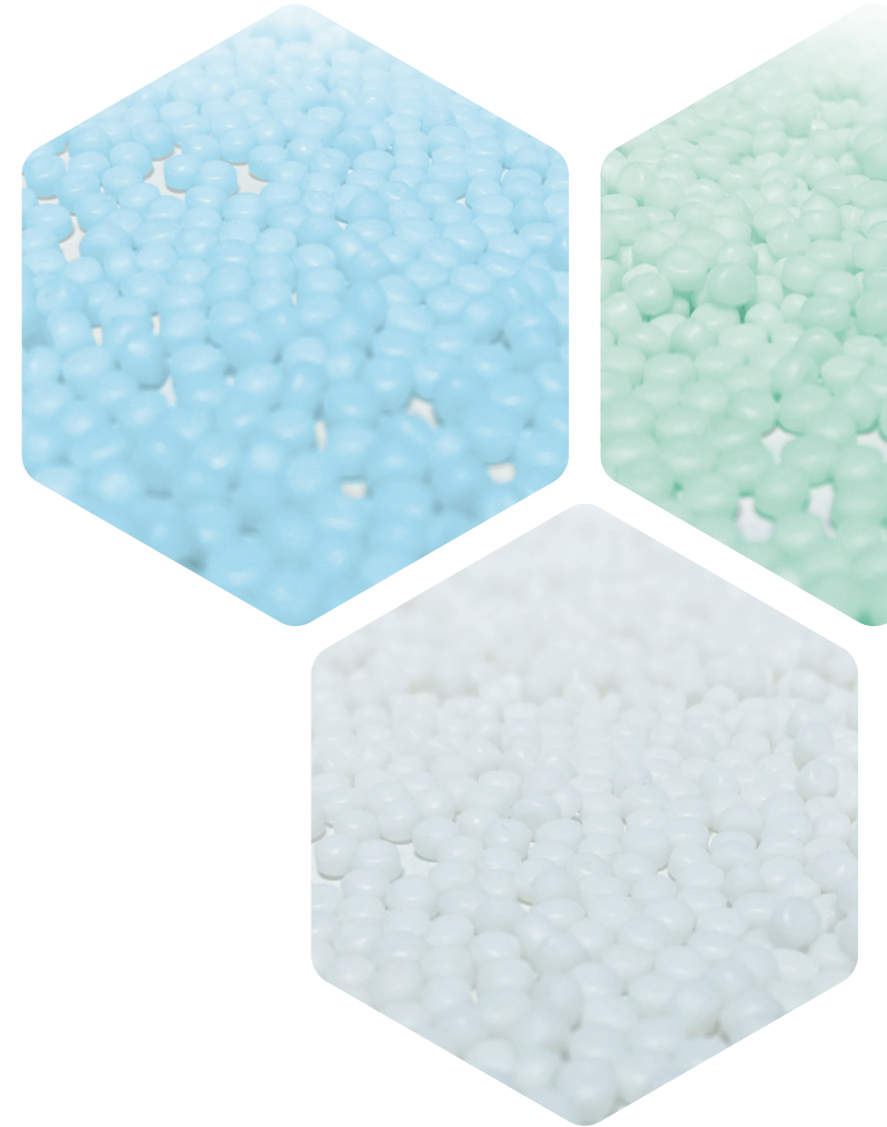
- Injected seals for electrical and electronic housings
- Telephone and mobile phone parts and housings
- Seals for lighting systems and electronics housings
- Vibration and noise insulation for electrical and electronic accessories
- Buttons and switches
- Cable management and flexible cable insulation
- Cable connector
- industrial plugs and connectors for housings

Care and health

- Toothbrush handles
- Shaver
- Handles and parts for shavers
- Handles for care products
- Covers and handles for hygienic products
- Valves and diaphragms
- Nipples and dummies

Automotive

- Interior storage bins and mats
- Anti-slip mats
- Switch covers
- Gear shifts
- Airbag covers
- seals
- drain bar





Innovative and Competent

With a passion for technical perfection and a sure feeling for market requirements and developments, PCW GmbH is the specialist for compounds under the umbrella of Advance Holding.

Today, Advance Holding generates a revenue of more than 520 million euros with approximately 800 employees and has significant market experience and large production capacities at all together five locations in Germany and North America.

For more information, please visit our website or feel free to contact us personally.



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Innovative and Competent – Your right partner for compounding. At its facility in the richly traditional town of Eilenburg, Germany, PCW GmbH focuses on the development and production of tailor-made compounds.

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