



**MOCOM**

**We drive  
compounding  
excellence**

**MOCOM  
products  
can do**



Our Business Development Managers and Product Specialists are working daily with customers to match application requirements with product properties finding the best material solutions. We cover with our product portfolio various market segments and have listed typical applications as reference and inspiration for designers and material experts. For more information refer to our website **mocom.eu** and/or contact us at **info@mocom.eu**

Your challenge is our ambition.



### Automotive

- Illuminated trims
- Displays and covers with black panel effect
- Light diffusing screens
- Buttons with day and night design
- Reflectors for displays, instruments and headlights
- IR and laser transparent covers
- Buttons for infotainment, climate control, functions etc.
- Structural parts (body, center console, dashboard)
- Housings (pumps, air filter, battery, electric control etc.)
- Engine covers
- Oil sumps and cylinder head covers
- Bushings with sliding effect
- Fans and shrouds
- Ducts for air management and fluids
- Bellows
- Applications with recycling content up to 100 % (housings, structural parts, covers, air ducts etc.)



### Home & Garden

- Housings of motor driven gardening tools
- Light guides and lenses for power tools
- Soft-touch tool handles
- Tool holders
- Pumpwheels and -bodies
- Irrigation system components
- Water meter parts
- Ventilation grid
- Boiler components
- Pipe bend of gas heating exhaust system
- Furniture fittings
- IR-lenses for surveillance systems and smart home devices



### Electrical & Electronics (E & E)

- Light guides for functional illumination
- Lightwells and reflectors for HMI
- Display cover lenses with black-panel-effect
- Diffusers for LED luminaires
- Security and emergency lamp housings
- Lamp enclosures made of recycle plastics
- Thermally conductive enclosures and heat sinks
- Electronic enclosures with EMI and ESD functionality
- Plug sockets and switches
- Refrigerator doorhandles
- Electric shaver housings with metallic surface appearance



### Sports & Leisure

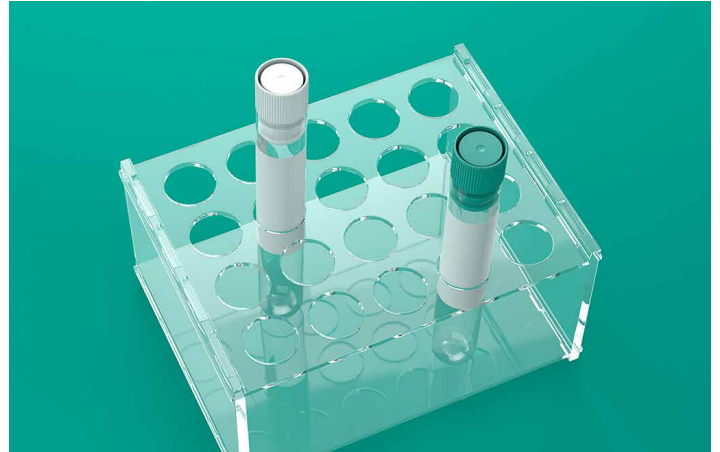
- Ski- and snowboard bindings
- Ski boot components
- Fasteners and buckles
- Kite- and Windsurf foils
- Paddles for kayak and SUP
- Diving goggle glasses
- Bike luggage mounting systems
- Bottle holder and bicycle pump
- Cycling shoe soles
- Motorcycle helmet visors
- Drone components





### Industrial

- Body and impeller of industrial pumps
- Fan wheels of ventilation systems
- Gear wheels, bush and slide bearings
- Yarn reels
- Pulley for conveyor belt
- Diffuser for industrial luminaires
- Powder coated enclosures and components
- ESD enclosures and components
- Transport boxes of mail sorting systems
- Industrial printer head carrier
- Antistatic wheels and rollers
- Gaskets



### Healthcare

- Diagnostic and laboratory applications
- Housings, covers and functional components of medical devices
- Pharmaceutical packaging, caps and closures
- Bio sensors
- Filter housings
- Medical tubing and catheters
- Drug administration systems, injector pens and auto injectors
- Grips and handles of medical instruments









### Transportation

- Functional illumination of instrument panel
- Reflectors and diffusers for cabin lights
- Surveillance and rear view camera housings
- Display frames
- Cabin trims
- Mud guards
- Fans and shrouds
- Cable ducts
- Ducts for airmanagement and fluids
- Enclosures and structural part made of up to 100 % recycle plastics








# Products & Brands




Product	Description	Features
	High Performance	<ul style="list-style-type: none"> <li>– ABS, MABS, PC, PC+ABS, PA6, PA66, PA66+6I/X, PBT, POM, PP, PS, TPU</li> <li>– Light Blocking with highest reflection</li> <li>– Light Diffusion</li> <li>– Light Guiding</li> <li>– Infrared transparent</li> <li>– Electrically Conductive</li> <li>– Thermally Conductive</li> <li>– Wear Protect materials with improved sliding properties and reduced abrasion</li> <li>– Hygienic Material (Biomaster Protected)</li> <li>– Modified Surface: <ul style="list-style-type: none"> <li>– Anti squeak materials</li> <li>– Highly filled PA66+6I/X with high stiffness and strength and excellent surface quality</li> </ul> </li> <li>– Color effects, metallic effect, flow-line-optimized</li> <li>– Metal and / or X-ray detection</li> </ul>
	Healthcare	<ul style="list-style-type: none"> <li>– ABS, PA, PC, PE, PP, PS, POM, TPU, PBT, SBC, MABS</li> <li>– Solutions for medical, pharmaceutical and diagnostic applications</li> <li>– Production with GMP (good manufacturing production) standards</li> <li>– Defined change management</li> <li>– Formulation / ingredients locked</li> <li>– Controlled base resin</li> <li>– Customized optional agreements (quality agreements)</li> <li>– ALCOM MED+ certified acc. to ISO 13485:2016</li> </ul>
	3D-Printing	<ul style="list-style-type: none"> <li>– ABS, PC</li> <li>– High manufacturing quality in filament extrusion and printing</li> <li>– Integrated functions, wear protect, thermal conductivity</li> </ul>

Product	Description	Features
 <b>Tedur®</b>	Smart PPS solutions	<ul style="list-style-type: none"> <li>– Linear PPS</li> <li>– High heat deflection (max. 270 °C)</li> <li>– High filled grades with good flowability</li> <li>– Excellent chemical resistance</li> <li>– Food contact</li> <li>– High stiffness and strength</li> <li>– High creep resistance</li> <li>– Inherent flame retardant</li> <li>– Reflector grades with excellent, glossy surface quality</li> <li>– Wear protect</li> <li>– High tracking resistance</li> <li>– Electrical conductivity</li> <li>– Unfilled extrusion grade</li> </ul>
 <b>Cellidor®</b>	Bio-based Cellulose Esters	<ul style="list-style-type: none"> <li>– CP, CAB</li> <li>– Renewable material sources</li> <li>– Glossy surfaces</li> <li>– High transparency</li> <li>– Brilliant colors</li> <li>– Self-polishing effect</li> <li>– Antistatic</li> <li>– Food contact</li> <li>– UV- and weather resistant</li> </ul>
 <b>Alcolor®</b>	Color and Functional Masterbatches	<ul style="list-style-type: none"> <li>– ABS, SAN, PC, PC+ABS, PA6, PA66, PBT, PET, POM</li> <li>– Color masterbatches</li> <li>– Combi batches with additives</li> <li>– Food contact</li> </ul>



Product	Description	Features
 <b>Alperform<sup>®</sup></b>	<b>Additive Masterbatches</b>	<ul style="list-style-type: none"><li>– ABS, SAN, PC, PC+ABS, PA6, PA66, PBT, PET, POM, PE, PP, TPU</li><li>– Hygienic Material (Biomaster Protected)</li><li>– Laser sensitivity</li><li>– Light diffusion</li><li>– Light blocking and high reflection</li><li>– Stabilization: mold release, AO, UV, AS</li><li>– Metal detection</li></ul>
 <b>Shelfplus<sup>®</sup> O<sub>2</sub></b>	<b>Oxygen-Scavenger Masterbatches</b>	<ul style="list-style-type: none"><li>– PE, PP</li><li>– Iron based O<sub>2</sub>-absorber</li><li>– Activation by humidity</li><li>– Food contact</li><li>– Suitable for multilayer packaging</li></ul>

Product	Description	Features
	Customized Technical Compounds	<ul style="list-style-type: none"> <li>– PA6, PA66, PP, PS, ABS, PC, PC+ABS, SAN, PBT, POM, PE</li> <li>– Impact modified</li> <li>– UV-stabilized</li> <li>– Individual color matches</li> <li>– Food contact</li> <li>– Laser marking, laser welding</li> <li>– Various fillers</li> </ul>
	Advanced Polypropylene	<ul style="list-style-type: none"> <li>– PP (glass fiber-reinforced)</li> <li>– Long heat ageing resistance</li> <li>– High strength and stiffness</li> <li>– Improved heat deflection temperature</li> <li>– Chemical resistance</li> <li>– Low shrinkage, low warpage</li> </ul>
	Competence in TPV	<ul style="list-style-type: none"> <li>– TPV (PP+EPDM), thermoplastic vulcanizate</li> <li>– Shore A40 to D50</li> <li>– Broad service temperature range (–40 °C up to +130 °C)</li> <li>– Chemical resistance</li> <li>– Ozone, UV and weather resistance</li> <li>– Black, natural and colorable</li> <li>– Good grip and anti-slip properties</li> <li>– 2K bonding to polyolefins, TPV and PA (acc. to VDI 2019)</li> <li>– Easy flow</li> <li>– Food contact</li> <li>– Low Emission (VOC, FOG, Fogging)</li> </ul>

Product	Description	Features
	<b>Recycling Compounds – Near-to-Prime®</b>	<ul style="list-style-type: none"> <li>– PA6, PA66, PC, PC+ABS, PP</li> <li>– High-quality recycled compounds</li> <li>– OEM-approved quality</li> <li>– Tailor-made formulations</li> <li>– Glass and mineral fillers</li> <li>– Impact modified</li> <li>– UV-stabilized</li> <li>– Sustainable and cost efficient</li> </ul>
	<b>Recycling Compounds – Industrial quality</b>	<ul style="list-style-type: none"> <li>– PA6, PA66, PP, ABS, PC-Blends</li> <li>– Glass and mineral fillers</li> <li>– Only in black</li> <li>– Technical datasheet available</li> <li>– Sustainable and cost efficient</li> </ul>
	<b>The “green” TPV solution</b>	<ul style="list-style-type: none"> <li>– TPV (PP+EPDM), thermoplastic vulcanizate</li> <li>– Recyclates with high purity and quality (post-industrial)</li> <li>– Use of bio-based raw materials with constant quality</li> <li>– Low density (&lt; 1.0 g/cm<sup>3</sup>)</li> <li>– Broad service temperature range (–40 °C up to +130 °C)</li> <li>– Chemical resistance</li> <li>– Ozone, UV and weather resistance</li> <li>– 2K bonding to polyolefins and TPV (acc. to VDI 2019)</li> <li>– Good grip and anti-slip properties</li> <li>– Processing on conventional machines</li> </ul>



#### **Production sites worldwide**

DE-Hamburg  
DE-Obernburg  
DE-Zülpich  
CN-Changshu  
US-Duncan

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