



MOCOM

**We drive
compounding
excellence**

More Possibilities

We offer the right, demand-oriented solution for our core markets and industries as well as an innovative portfolio for the products of the future. Our ECO product portfolio includes compounds containing post-consumer recyclates (PCR), post-industrial recyclates (PIR) or recycled carbon fibers, helping customers address material-specific sustainability requirements. We also conduct research into polymers made from bio-based raw materials. In this brochure, we give you an overview of our product portfolio.

Facts & Figures



> 50

years' experience & know-how
in compounding



> 5,000

customers direct or via
distribution



700

employees



4,000

products available, global
specifications



650

product development
requests per year



4

production sites (China,
Germany, USA)



44

compounding lines



Certificates

IATF 16949, ISO 9001, ISO 14001,
ISO 45001, EcoVadis

More Expertise

You can rely on MOCOM's representatives to provide consistent support and technical expertise. We continuously develop our products and solutions in response to evolving technical, regulatory and market requirements. Working closely with our customers, we identify customized material solutions for specific application challenges and provide support with material approvals and sustainability-related requests, including the calculation of Global Warming Potential (GWP).

More Responsibility for Tomorrow

Our goal is to offer alternatives containing recycled or bio-based components for all of our brands. MOCOM's ECO compounds use post-consumer recycled materials, post-industrial recycled materials, recycled carbon fibers or bio-based materials. They are developed and produced with proven technologies and in accordance with established quality standards. Product-specific environmental indicators, including the Global Warming Potential (GWP), are assessed based on appropriate data and methods. Our sites are certified to ISO 14001 and ISO 50001, while our German production facilities source electricity from renewable energy sources. In addition, MOCOM has received an EcoVadis rating.

We deliver the product for your application

Product	Description	Features
❖ Alcom® ❖ Alcom® ECO	High Performance	Alcom® Lighting & Alcom® ECO Lighting – Customized optical properties – Light Blocking with highest reflection – Light Diffusion – Light Guiding – Infrared transparent – ECO lighting grades with high-quality recycled or bio-based feedstocks and reduced carbon footprint Alcom® EC & Alcom® TC – Electrically Conductive – Thermally Conductive Alcom® WP – Wear Protect Compounds – Improved sliding properties – Reduced abrasion – PFAS-free Alcom® MED – Solutions for medical, pharmaceutical and diagnostic applications – Production with GMP (good manufacturing practice) standards – Defined change management – Formulation / ingredients locked – Controlled base resin – Customized optional agreements (quality agreements) Alcom® 3D – Compounds for filament extrusion and 3D printing – Integrated functions, wear protect, thermal conductivity

Product	Description	Features
❖ Alfater XL[®] ❖ Alfater XL[®] ECO	Competence in Thermoplastic Vulcanizates (TPV)	– TPV (PP+EPDM) – Shore A40 to D50 – Low density (< 1.0 g/cm³) – EPDM rubber alternative – Broad service temperature range (–40 °C up to +130 °C) – Chemical resistance – Ozone, UV and weather resistance – Black, natural and colorable – Low compression and tension sets – Good grip and anti-slip properties – 2K bonding to polyolefins, TPV and PA – Easy flow grades – Food contact grades – Low emission (VOC, FOG, Fogging) grades – Recycling grades – High-quality recycled feedstocks (PIR and PCR) – Reduced carbon footprint – Near-to-prime properties
❖ Altech[®] ❖ Altech[®] ECO	Customized Technical Compounds	– Polyamides, Polyolefins, Polycarbonates, Blends – Various fillers (e.g. glass fibers, glass beads, minerals) – Impact-modified grades – UV-stabilized – Individual color matches – Laser marking – Laser welding – Food contact grades – Modified surface grades – Anti-squeak materials – Highly filled PA66+6I/X with high stiffness and strength and excellent surface quality – Color effect grades – Metallic effects – Flow-line-optimized color effects – Recycling grades – High-quality recycled feedstocks (PIR and PCR) – OEM-approved quality – Reduced carbon footprint – Near-to-prime properties – Flame retardant grades

Product	Description	Features
❖ Altech NXT PP®	Advanced Polypropylene Compounds	– PP (glass fiber-reinforced) – Long heat aging resistance – High strength and stiffness – Improved heat deflection temperature – Chemical resistance – Low shrinkage, low warpage
❖ Cellidor®	Bio-based Cellulose Esters	– Cellulose acetate butyrate (CAB), Cellulose acetate propionate (CAP) – Renewable feedstock sources – Glossy surfaces – High transparency – Brilliant colors – Self-polishing effect – Antistatic – UV- and weather resistant – Food contact grades

Product	Description	Features
 Tedur®	Smart PPS Solutions	– Linear PPS compounds – High heat deflection (max. 270 °C) – Excellent chemical resistance – High stiffness and strength – High creep resistance – Inherent flame retardancy – Food contact grades – High filled grades with good flowability – Reflector grades with excellent, glossy surface quality – High tracking resistance grades – Impact-modified grades – Unfilled extrusion grade – Recycling grades – High-quality recycled feedstocks – Reduced carbon footprint – Near-to-prime properties
 Wic	Recycled Carbon Fiber Compounds	– Carbon fiber compounds – Recycled carbon fibers – Reduced carbon footprint – Lightweight – High stiffness and strength – High dimensional stability

Challenge us to help create your vision

Production sites worldwide

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

MOCOM is certified according to official guidelines:

IATF 16949:2016
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
EcoVadis



MOCOM
Product Overview

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