

THE AURORA PRINCIPLE



AURORA
Kunststoffe GmbH
MEMBER OF MOL GROUP

The AURORA Principle

We cover the entire value chain, from industrial secondary raw materials to regranulate and recompound. This is not only sustainable, but also guarantees the best possible and consistent product quality.

When we talk about the AURORA principle, we always keep the big picture in mind, and we act accordingly—for the benefit of our customers and suppliers, our employees, and our planet. That’s what makes us a trusted partner across a wide range of industries and sectors.

The AURORA Principle is our philosophy and the foundation of our actions. In everything we do, we act in a value-driven, responsible, and reliable manner. Transparency and openness are second nature to us. All of this fosters the ideal conditions for high quality standards — both in production and in our services. The AURORA Principle thus embodies all of our company’s strengths. It is no coincidence that we chose a circle to represent the AURORA Principle: it symbolizes our vision of advancing the circular economy.

About us

- Founded in **2009**
- A member of the **MOL Group** since November 2019
- High-quality, pre-sorted post-industrial plastic residues from over 200 suppliers as the **raw material base** for supply security throughout the entire product lifecycle
- **Expertise** gained from many years of processing engineering plastics, supported by high-quality new production and testing technology
- **Resource- and environmentally friendly recycling** with significant CO₂ reduction potential and quality on par with virgin materials



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Despite careful review, we cannot rule out printing errors, mistakes, or technical changes. All offers are subject to change without notice.

Sustainability



Sustainability is the future. That’s why we at AURORA focus on environmentally responsible operation in all the steps of our value chain and provide new sustainability concepts to our customers. In doing so, we combine energy efficiency and resource protection with economic benefits — for our customers as well as for us.

AURORA’s portfolio of cost-efficient Regranulates and high-quality ReCompounds, matching the performance of virgin materials, perfectly combining commercial and environmental benefits for our customers. And keeping sustainability in focus, will not only provide advantages for our customers and us, but will also positively impact the life of future generations.

We achieve the highest product quality while reducing CO2 emissions by at least 2 kg per kilogram of recycled material produced, and we guarantee consistent supply throughout the product lifecycle. In addition, we eliminate the need for additional logistics services and packaging materials.

Portfolio

Regrinds

- Processing of plastic parts into material specific regrind
- Additional upfront sorting and/or disassembly
- High-performance shredders with metal removal and dust extraction
- Sale for compounding or direct use

ReGranulates and ReCompounds

- High-quality and sustainable products
- Efficient regranulates made from high-quality regrind
- Optimized recompounds with additional fillers and reinforcing materials, additive systems, and blend components
- Extensive portfolio of standardized products
- Custom formulations for specific applications
- Reduction of CO₂ emissions and protection of resources

Plastic Waste Management

- Disposal of all Thermoplastics
- Customized disposal concepts
- Compensation of suitable, sorted, recyclable materials
- Ensuring optimal return to the material cycle

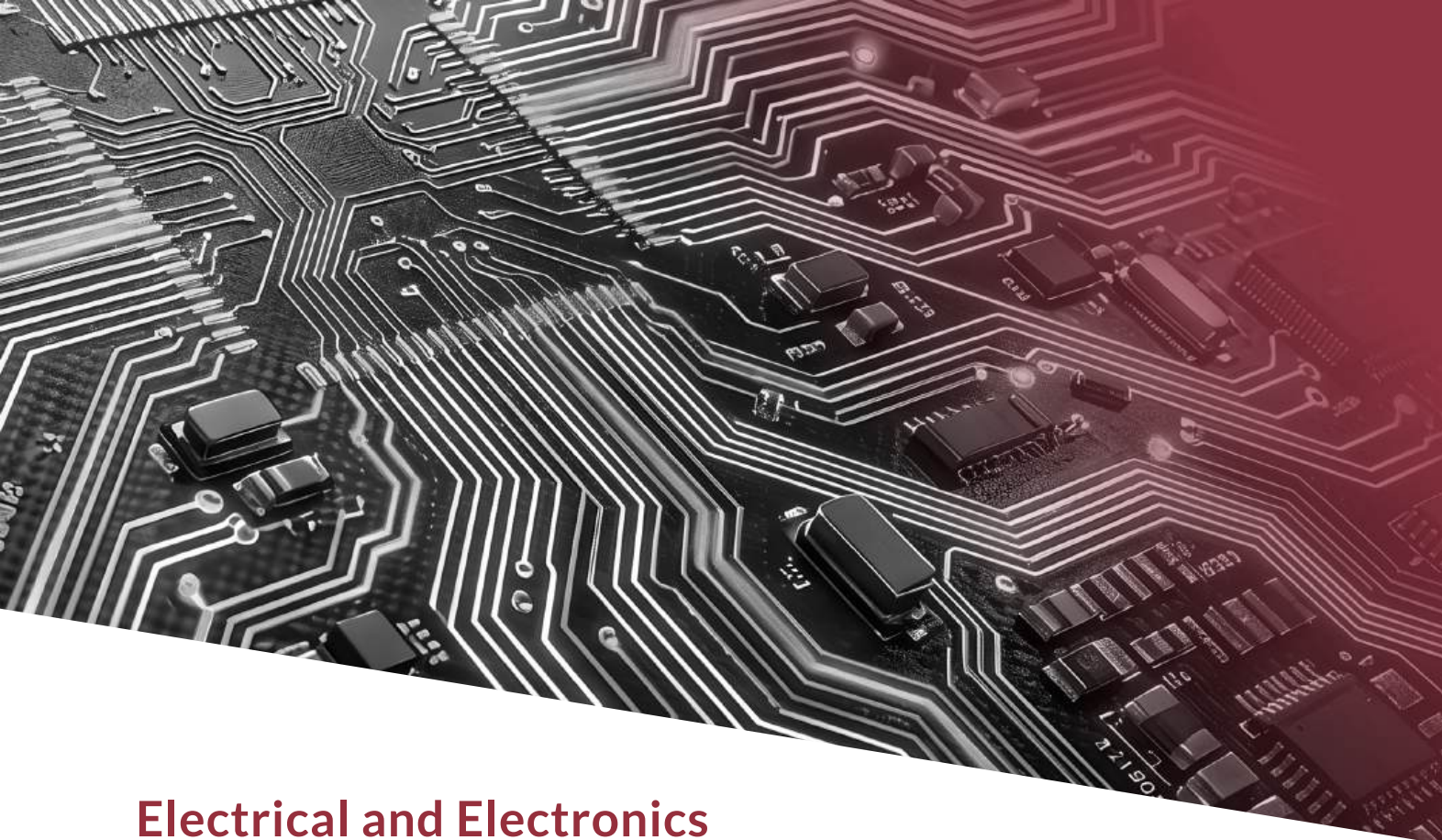
Contract Manufacturing

- Closed-loop recycling
- Processing industrial production waste into regrinds or regranulate
- Cost-effective reintegration into the supplier’s value chain

AURORA

Highly Efficient Production Facilities

- High-performance mills with dust extraction and ultra-fine metal detection
- Dry and wet separation in the extrusion process
- Cooling system with heat recovery
- Machine-specific energy monitoring
- 40% renewable energy



Electrical and Electronics

Our materials are used in a wide variety of electrical and electronic applications, such as charging and fuse systems, switches, electrical outlets, router housings, and terminal blocks.

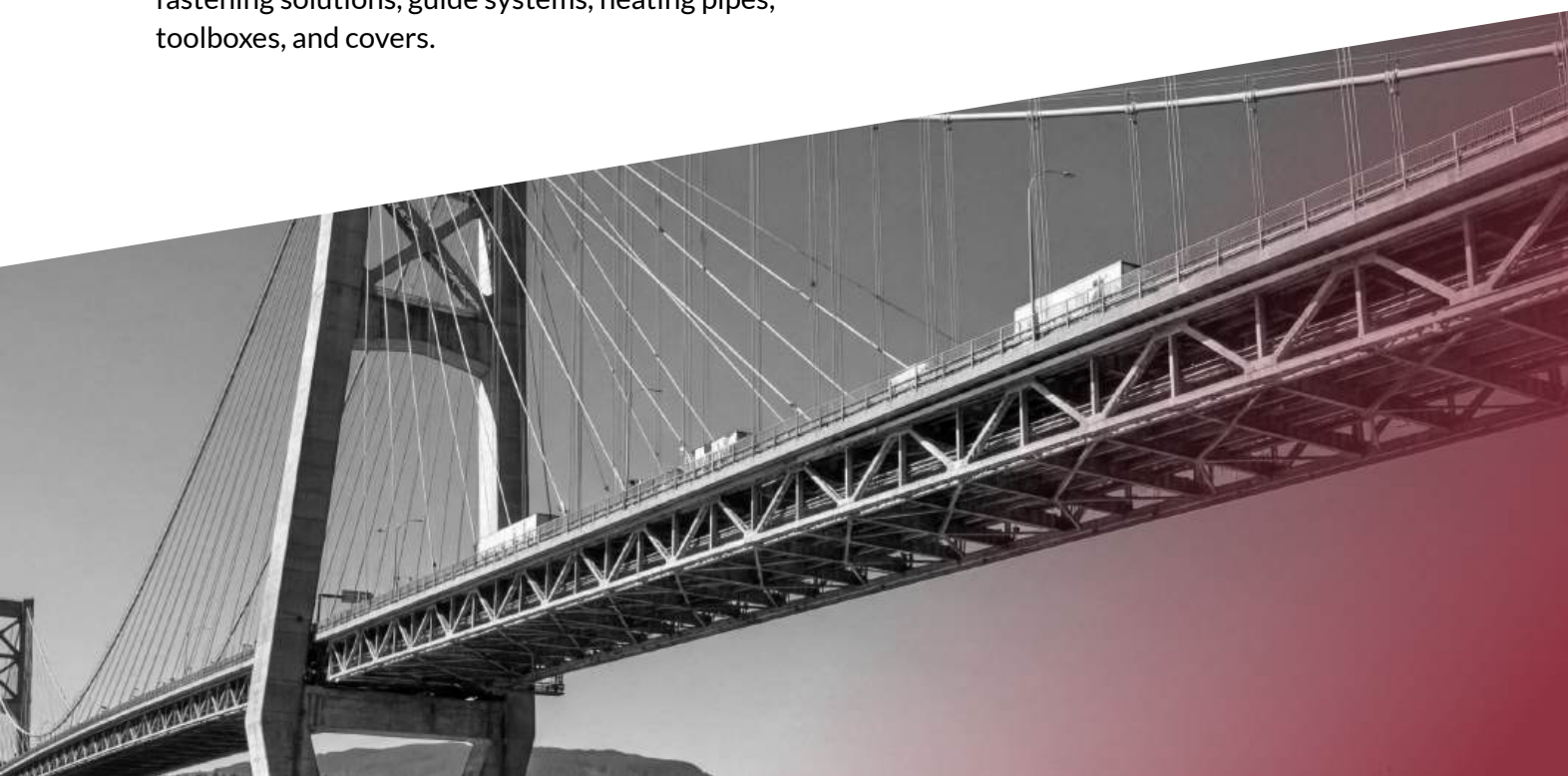


Automotive Applications

In the automotive sector, our materials are used in numerous interior and exterior components, such as covers, housings, switches, cable ducts, and windshield washer fluid reservoirs

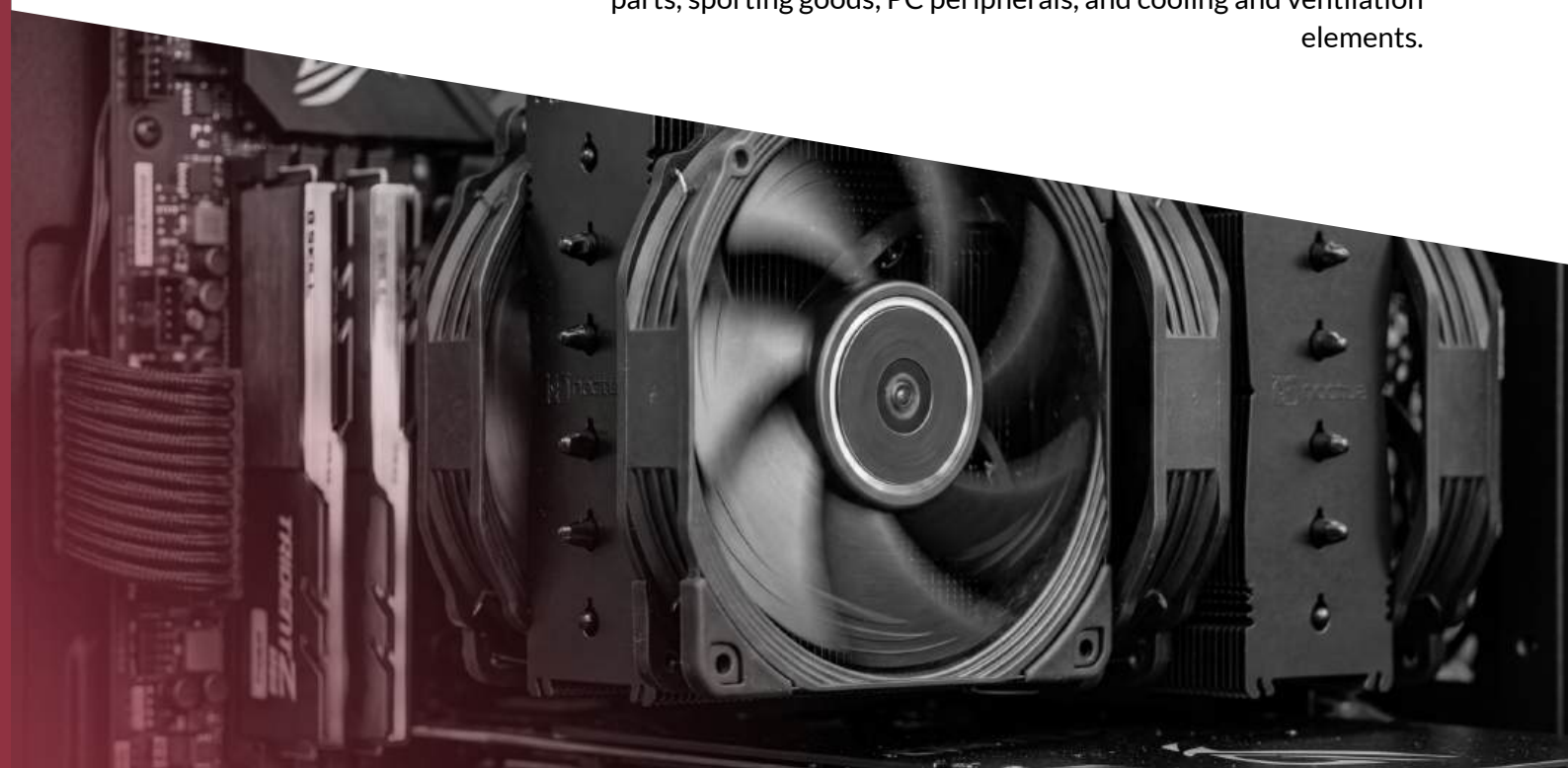
Engineering/Construction

In the engineering and construction sectors, our materials are used in a wide variety of applications, including fastening solutions, guide systems, heating pipes, toolboxes, and covers.



Industrial products and consumer goods

For industrial products and consumer goods, we offer a wide range of applications, such as handles, components for seats and engine parts, sporting goods, PC peripherals, and cooling and ventilation elements.



AUROmid®

PA6

PA6 Impact modified
PA6 GF10 to 50
PA6 GF18M22
PA6 IGF10 to 30
PA6 I10GF20
PA6 GB15 to 50

PA66

PA66 Impact modified
PA66 GF10 to 50
PA66 H Hydrolysis-stabilized GF 30 & 35
PA66 GF18M22
PA66 IGF10 to 30
PA66 GB30 and 40

PA11

PA11 GF 10 to 30

PA12

PA12 GF10 to 40
PA12 GB30 and 50
PA12 TR55
PA12 TR90

PA6.3T

PA6.3T

PA46

PA46 GF15 to 50

AUROblend®

ABS/PC

ABS/PC GF10 to 30

ABS+PA

ABS + PA

PC+PET

PC+PET
PC+PET HI
PC+PET M15

AUROdur®

PBT

PBT GF10 to 50
PBT Hydrolysis-stabilized
PBT FR

PBT+PET

PBT+PET
PBT+PET GF30

PBT-ASA

PBT+ASA
PBT+ASA GF20 and 30

PBT+PC

PBT+PC GF30

AUROtron®

PA66+6I/X

PPA GF 50 to 65
PPA GVS GF 50
PPA GVX GF 50

PA6T/6I

PPA GF 50

PA6T/XT

PPA GF 35 to 50

PPS

PPS GF 30 to 50

PA6T/66

PPA GF 30 and 50

LCP

LCP GF 10 to 50

AUROran®

ASA

ASA
ASA UV

ABS

ABS-HI
ABS GF10 to 20

AUROlon®

PC

PC transparent
PC GF10 to 35
PC FR

AUROcom®

PP

PP GF 10 to 50
PP GB 20 and 30
PP-EPDM TD 10 to 40 UV
PP-EPDM HGF 10 and 20
PP TD 10 to 40
PP TD 10 to 40 UV

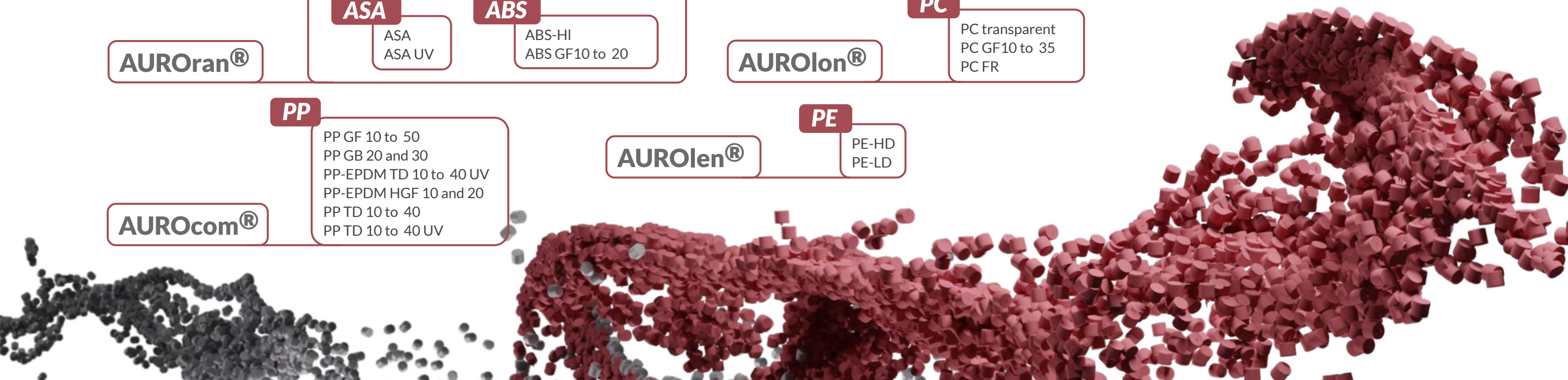
AUROlen®

PE

PE-HD
PE-LD



You can find all AURORA products here



Products

AUROMid®

Polymer	Name	E-Modul	Notched	Description	Art-Nr.	Recycled content
PA6	PA6 GF18M22	7300	6	AUROMid® PA6 5720 3-GF18M22 bk - 6010511	6010511	57%
PA6	PA6 GF30	8300	7	AUROMid® PA6 7209 3-GF30 bk - 6010093	6010093	72%
PA6	PA6 IGF15	5100	9	AUROMid® PA6 4210 3-IGF15 bk - 6010507	6010507	42%
PA6	PA6 GF50	14000	7	AUROMid® PA6 7020 3-GF50 bk - 6010092	6010092	70%
PA6	PA6 I10	2700	12	AUROMid® PA6 6200 3-I10 nt - 6010503	6010503	62%
PA6	PA6 I10GF20	5300	10	AUROMid® PA6 4805 3-I10GF20 bk - 6010088	6010088	48%
PA6	PA6 GK30	4000	4	AUROMid® PA6 5520 3-GK bk - 6010512	6010512	55%
PA6	PA6 GF30 UV	8700	8	AUROMid® PA6 3015 3-GF30UV - 6010523	6010523	30%
PA66	PA66 HI10	2300	15	AUROMid® PA66 7900 3-I10 bk - 6012507	6012507	79%
PA66	PA66 IH06	2600	10	AUROMid® PA66 7400 3-I6 bk - 6012509	6012509	74%
PA66	PA66 GFM40	6900	4,5	AUROMid® PA66 5021 3-GFM40 bk - 6012515	6012515	50%
PA66	PA66 HGF25	6900	4,5	AUROMid® PA66 8005 3-GF25 bk - 6012513	6012513	80%
PA66	PA66 HHGF30	8400	5	AUROMid® PA66 8710 3-HSGF30 bk - 6012506	6012506	87%



AUROcom®

Polymer	Name	E-Modul	Notched	Description	Art-Nr.	Recycled content
PP	PP	1300	10	AUROcom® PP 6500 3-I5 bk - 6035508	6035508	65%
PP	PP GF	5300	9	AUROcom® PP 6710 3 GF 30 black - 6035501	6035501	90%
PP	PP GF	7900	8	AUROcom® PP 8710 3-GF40 bk - 6035506	6035506	87%
PP	PP TV	2300	6	AUROcom® PP 9007 3-STD20 bk - 6035507	6035507	90%
PP	PP EPDM TV UV	1400	9	AUROcom® PP-EPDM 9000 3-TD10UV bk - 6035509	6035509	90%

The images show examples of how AURORA products are



You can find all AURORA products here

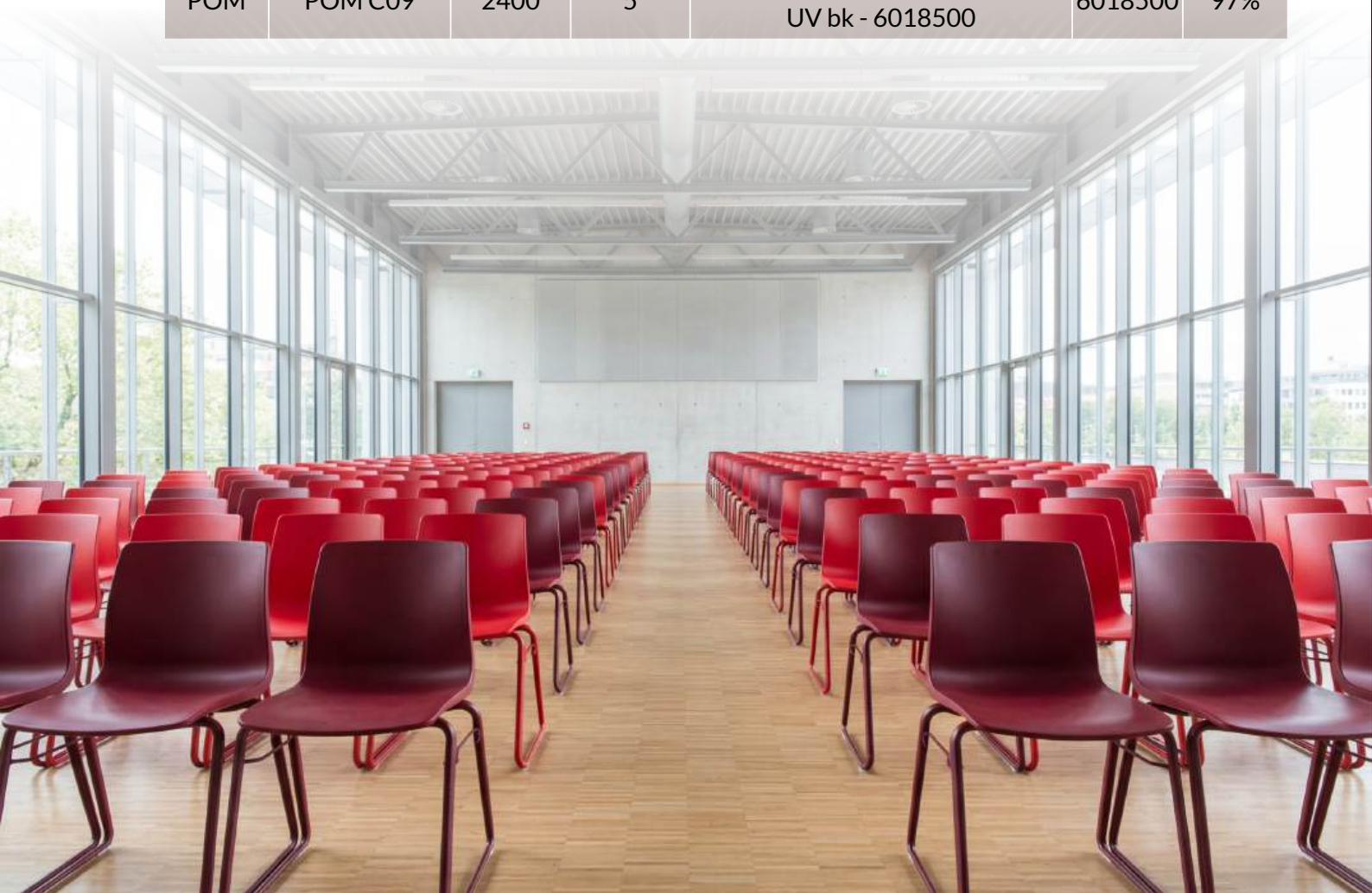


Current product selection. Additional products available upon request by email at info@aurora-kunststoffe.de

Products

AUROdur® | AUROran® | AUROtron® | AUROform®

Polymer	Name	E-Modul	Notched	Description	Art-Nr.	Recycled content
PBT/ASA	PBT/ASA GF30	8000	6	AUROdur® PBT+ASA 8409 3-GF30 bk - 6020501	6020501	84%
ASA	ASA 778T	2000	11	AUROran® ASA 9600 3-UV black 9005-B - 6029500	6029500	96%
PBT	PBT-GF10	4100	5	AUROdur® PBT HGF10 black 9005/A - 6019001	6019001	75%
PBT	PBT-GF30 FR	7500	6,5	AUROdur® PBT 4010 3-IGF30HLbFR bk - 6019502	6019502	40%
ABS	ABS	2000	16	AUROran ABS 7500 3-I10 bk - 6030500	6030500	75%
PPS	PPS GF40	10800	5	AUROtron® PPS 9500 3-GF40 bk - 6022013	6022013	95%
PA6T/XT	PA6T/XT GF45	15000	6	AUROtron® PA6T/XT 3-SGF45 bk- 6022007	6022007	97%
PA66+P A6I/X	PA66+PA6I/X GF50	15000	7,5	AUROtron® GV 7003 3-GF50 bk - 6022012	6022012	97%
POM	POM C09	2400	5	AUROform® POM-C09 9500 3-UV bk - 6018500	6018500	97%



AUROblend®

Polymer	Name	E-Modul	Notched	Description	Art-Nr.	Recycled content
PC/ABS	PC/ABS T85	2250	40	AUROblend® PC+ABS 9500 3-T85 bk - 6032502	6032502	96%
PC/ABS	PC/ABS	2000	28	AUROblend® PC+ABS black 9005-B1 - 6032003	6032003	88%
PC/ABS	PC/ABS FR	3800	7	AUROblend® PC+ABS 9700 3-FR3010 bk - 3032500	3032500	72%
ABS/PA	ABS/PA	2000	16	AUROblend ABS+PA black 9005 - 6031001	6031001	93%
PC/PET	PC/PET	3300	3	AUROblend® PC+PET 8215 3-TV15 bk - 6020500	6020500	82%

The images show examples of how AURORA products are



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Ready-to-Use rHDPE and rPP Blends

30 TO 50% RECYCLED CONTENT IN YOUR APPLICATIONS.

DEVELOPED SPECIALLY FOR YOU: WHERE YOUR VISION BECOMES REALITY.

Experience unmatched quality and sustainability: Our custom blends offer consistent quality and recyclability with guaranteed material availability. Leave the details to us as we develop the perfect “ready-to-use blend” tailored precisely to your application and processing requirements.

The MOL Group has developed HDPE and PP blends containing PCR or PIR content that meet PPWR requirements and ensure sustainability for our customers.

These blends retain their like-new quality and are designed for multiple recycling cycles to comply with EU directives. We're here to help you succeed!

About the MOL Group

MOL Group Chemicals is a leading polymer manufacturer in Central and Eastern Europe with integrated petrochemical production at MOL Petrochemicals in Hungary and SLOVNAFT in Slovakia. Our portfolio includes polyethylene, polypropylene, recycled polymer blends, and compounds for a wide range of packaging and industrial applications.

Building on our integrated production base, our polymer expertise, and our growing capabilities in recycling and compounding, we are expanding our portfolio to include higher-quality and more circular economy-friendly solutions. Our goal is to provide our customers with reliable quality, a consistent supply, and materials that meet the ever-evolving requirements for performance, sustainability, and regulatory compliance.

By combining our expertise in polymer production, recycling, and compounding, we are able to support our customers with both proven product solutions and application-specific developments.

Quality

For years, AURORA's customers have enjoyed the highest quality. That is why it is not only necessary to conduct uncompromising and meticulous incoming goods inspections. Extensive in-process testing of the products' thermal, rheological, and mechanical properties ensures that our customers' high standards are met. To support long-term quality assurance and product development, the latest technologies are available in our in-house, state-of-the-art testing and development laboratory. Every container produced is fully tested and documented. By monitoring the entire supply and production chain and optimizing formulations, AURORA's compounds can replace virgin material applications in terms of quality.

- 2,000 granule and regrind samples per month = > 200,000 tests per year
- Continuous development of new customer- and application-specific solutions
- Processing tests using an injection molding machine; analytical testing using DSC, FTIR, mechanical testing, etc.

Certifications



Our company meets the requirements of the **ISO 9001**, **ISO 14001**, and **ISO 50001** certifications. In addition, AURORA is a certified waste management company. These certifications reflect our understanding of quality and are an important part of our quality assurance system.

Our **patented lean logistics concept** ensures quality and quantity in the supply chain and supports our suppliers' waste management.

Supply Security

With our facility in Neuenstein and over 200 suppliers, AURORA holds a leading position in the processing of recycled engineering plastics in Germany.

Thanks to our extensive supplier network, we have broad access to material-specific polymer streams from the plastics-processing industry. Customers across a wide range of industries benefit from this large raw material base, which ensures long-term supply reliability. Many years of expertise in the logistics industry, as well as an established box-collection concept featuring our own trailers and pulling-trucks, also contribute to our guaranteed supply security.

Our Promise—Your Benefits

You'll find at least one AURORA product in many everyday items!



www.aurora-kunststoffe.de

