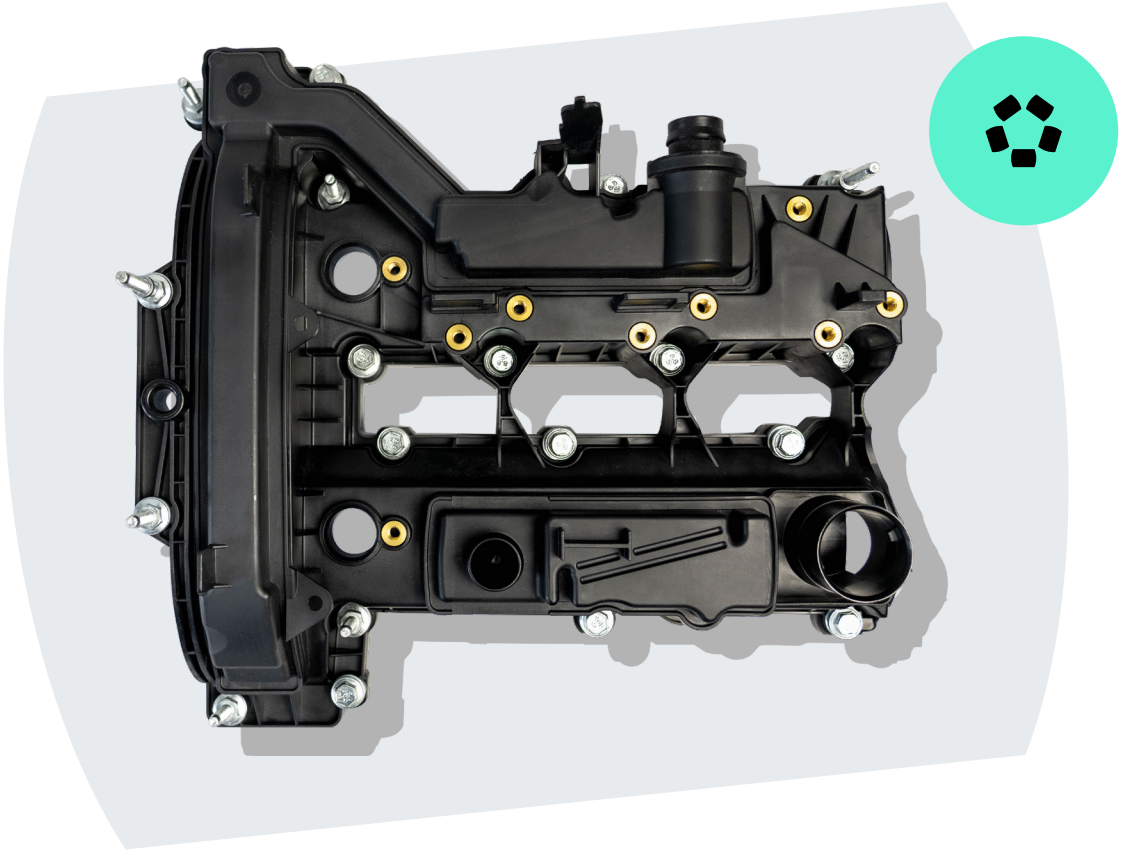

MOCOM

Altech® ECO
Near-To-Prime®
Recycling compound solutions

Altech® ECO Near-To-Prime® recycled-based compounds combine the high quality of Altech® products with the sustainability of recycled resources. They contribute to improving the CO_2 balance and to reducing the ecological footprint of the end products.

The Altech® ECO portfolio offers tailor-made products for versatile application areas on a high technical level. Our recycling compounds are based on carefully selected and pre-processed PA6, PA66, PP, PC and ABS recyclates. Various fillers, impact modification or heat aging resistance are only a few examples of the unlimited possibilities of what the Altech® ECO product range has to offer.

- Recycled contents of up to 100 % adress the requirements of consumers with an ever growing consciousness for recycling and sustainability and thus expect new solutions regarding the choice of materials used
- Consistently high, Near-to-Prime® quality of the products is ensured through conscientious raw material selection, strict quality control and tight production tolerances.
- Altech® ECO compounds are in use at well-known manufacturers and OEMs in the automotive, E&E, consumer goods and building & construction industry. Engine beauty covers, cam covers, functional parts, fittings, electrical tool housings and UV-stabilized lamp housings are only a few application examples.
- According to prior agreement, color matching is possible with selected materials out of the portfolio
- Quality meets sustainability, because there is no Planet B.

Altech® ECO: the advantages at a glance

- **Low CO_2 footprint due to use of recycled feedstock**
- **Near-to-Prime® performance and quality**
- **Broad product portfolio, tailor-made properties**
- **Technical datasheets and specification available**
- **Color matching partly possible**
- **Cost efficiency**

Polymer	Material	Fillers	Color	Comments & Application examples	Additive system	Special properties
PA6	Altech® PA6 ECO 2025/509	25% glassfibre	BK	Shrouds & ventilation parts, tool housings E&E, Automotive	highly heat resistant, heat aging stabilized	Up to 100 % recycled content in polymer, depending on type. High-class Post-Industrial raw materials. Versatile use in Automotive, E&E, home & garden. Color matching partly possible.
	Altech® PA6 ECO 2030/160	30 % glassfibre	various	Standard grade, trendcolors, garden tools, appliances	heat aging stabilized, easy demoulding	
	Altech® PA6 ECO 2030/219	30 % glassfibre	BK	General purpose grade, UL yellow card listing, support beams, handles Automotive, E&E	impact modified	
	Altech® PA6 ECO 4230/100	10 % glassfibre 20 % mineral	BK	Very high surface quality, engine beauty cover	heat aging stabilized, easy demoulding	
	Altech® PA6 ECO 7010/10	10% carbon-fibre	BK, GY	Weight reduction,low warpage, engine beauty cover, housings, functional parts Automotive	antistatic, heat aging stabilized	
PA66	Altech® PA66 ECO 1000/116	unfilled	BK	Housings, cable ties, clips, fittings Automotive, building & construction, home & garden	impact modified, highly heat resistant	Up to 100 % recycled content in polymer, depending on type. High-class Post-Industrial raw materials. Versatile use in Automotive, E&E, home & garden. Color matching partly possible.
	Altech® PA66 ECO 2025/507	25 % glassfibre	BK	Standard grade, functional components, chassis, steering Automotive	heat aging stabilized, easy demoulding	
	Altech® PA66 ECO 2030/116.01	30 % glassfibre	BK	Mirror housings, electrical bobbins Automotive ext. & UTH	impact modified, improved flow	
	Altech® PA66 ECO 2030/310	30 % glassfibre	BK, NC	General purpose grade, Automotive UTH	impact modified, highly heat aging stabilized	
	Altech® PA66 ECO 2035/106	35 % glassfibre	BK	Standard grade, cooling systems, chassis, cam cover, oil seperators Automotive UTH	heat aging stabilized, hot oil resistant	
PC	Altech® PC ECO 1000/128	unfilled	various	Transparent colors, housings, exterior parts, translucent parts, lamp covers E&E, light technics	UV-stabilized, easy demoulding	Up to 100 % recycled content in polymer, depending on type. High-class Post-Industrial and/or Post-Consumer raw materials. Versatile use predominantly in E&E but also in Automotive or home & garden. Color matching possible.
	Altech® PC ECO 1000/141	unfilled	various	GWFI 960 °C (2 mm), housings, security engineering parts, sockets, connectors E&E, light technics, consumer electronics	impact modified, UV-stabilized, flame retardant, easy demoulding	
	Altech® PC ECO 2010/121	10 % glassfibre	various	Exterior parts, housings, racking/ shelving, speaker parts Automotive, E&E	impact modified, UV-stabilized, easy demoulding	
	Altech® PC ECO 2015/509	15 % glassfibre	various	Appliances, electrical components, furniture parts E&E, building & construction, home & garden	easy demoulding	
PC+ABS	Altech® PC+ABS ECO 1000/500	unfilled	various	Suitable for automotive interior applications, heating systems, housings, air conveying parts, light switches Automotive interior, E&E, various	improved flow	Up to 100 % recycled content in polymer, depending on type. High-class Post-Industrial and/or Post-Consumer raw materials. Color matching partly possible.
	Altech® PC+ABS ECO 1000/510	unfilled	BK	Housings, functional parts, air conveying parts Automotive	impact modified, improved flow	
PP Copo	Altech® PP-B ECO 4920/570	20 % mineral	BK	Air conveying parts, housings, decorative cover Automotive	heat aging stabilized	Only available in black. Post-industrial and Post-Consumer feedstock
PP Homo	Altech® PP-H ECO 2030/550	30 % glassfibre	BK	Transport systems, fittings, impact protection, clips Automotive, construction, home & garden, machine building	chemically coupled, heat aging stabilized	Up to 100 % recycled content in Polymer. Post-Industrial and Post-Consumer feedstock. Only available in black.
	Altech® PP-H ECO 4920/570	20 % mineral	BK	Air conveying parts, housings, decorative covers Automotive UTH	heat aging stabilized	
	Altech® PP-H ECO 4940/500	40 % mineral	BK	Air conveying parts, filter housings, light bulp holders Automotive UTH, exterior	heat aging stabilized	

Information regarding CO_2 savings available upon request.

Altech® ECO color examples, amongst others in trend colors. Available types on request.

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