

ElringKlinger AG

Lightweight plastics construction

About this organisation

Machine translation

This organisation has been machine-translated based on data provided in German.

As an automotive supplier, ElringKlinger is a reliable partner for manufacturers in shaping the mobility of the future and offers innovative solutions for all types of drive systems. Our lightweight design concepts reduce vehicle weight, which either reduces fuel consumption and CO2 emissions in combustion engines or increases the range of alternative drive systems. Over 9,300 employees work at 49 locations.

The requirements in terms of functionality, safety, stability, environmental compatibility, design and comfort are high. ElringKlinger has extensive material, process and manufacturing expertise. We offer lightweight components for both the powertrain and the body. We use our extensive material, process and manufacturing expertise to offer customised lightweight components for the body as well. These include cockpit cross members and front-end carriers made from polymer-metal hybrids, engine and gearbox carriers made from glass fibre-reinforced thermoplastics and structural components made from organic sheets. We also have many years of expertise in oil separator modules, oil suction modules, oil tanks, cylinder head covers for cars and commercial vehicles, charge air pipes and intake air distributors, ladder frames, resonators/AGR mixers, engine oil pan modules, engine front and rear covers and transmission modules.

Max-Eyth-Str. 2
72581 Dettingen/Erms
Baden-Württemberg
Germany
www.elringklinger.de



Organisation type

Large enterprises

Sectors



Employees

500 and more

Turnover

More than €50m

Funding



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About this organisation

Main areas covered Plastic lightweight modules, Lightweight plastic components, Components for battery modules, Fuel cells, Sealing technology

Infrastructure

Certifications

Keywords

Memberships

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products	✓	✓	✓
Parts and components			
Services & consulting			
Field of technology			
Design & layout			
Functional integration			
Measuring and testing technology			
Modelling and simulation			
Plant construction & automation			
Recycling technologies			

Overview of lightweighting expertise

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**Research Development Manufacturing
& Supply**

Manufacturing process

Additive manufacturing

Coating (surface engineering)

Fibre composite technology

Forming

Joining

Material property alteration

Primary forming

Processing and separating

Textile technology

Material

Biogenic materials

Cellular materials (foam materials)

Composites

Fibres

Functional materials

Metals

Plastics

Structural ceramics

(Technical) textiles

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Contacts

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