

About this organisation

Machine translation

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

RÜHL PUROMER GmbH is one of the leading independent system houses in Central Europe. Under the slogan "PUre Diversity", we develop, produce and sell customised polyurethane (PUR) systems - whether soft or hard; foamed, compact or with integral structure; unfilled, filled or fibre-reinforced. Another business area is specialities in the field of polyester (UP) resins, in particular polyester foam resins.

Composite / lightweight construction applications: PUR fibre composite systems from the puroreg® family in the form of honeycomb sandwich components for lightweight yet rigid parcel shelves and load floors in large-scale automotive production (LFI, CSM, Interwet). PUR fibre composite systems for classic LFI technology for the production of monolithic fibre composite components, e.g. for surface applications in combination with thermoplastic films. PUR-SRIM systems for film-laminated components in the interior of commercial vehicles, buses, etc. PUR systems for RTM technology (Resin Transfer Moulding) for high-strength fibre-reinforced plastic composites with glass fibre or carbon fibre reinforcement. UP polyester foam resins in fast setting for small, simple panelling parts in vehicle construction or medical technology. UP polyester foam resins with long reaction times for the production of complex, large sandwich components (e.g. in the caravan industry), whereby moulded PU foam cores are often also used.

Hugenottenstraße 105
61381 Friedrichsdorf
Hesse
Germany
www.ruehl-puomer.de



Organisation type

Small or medium-sized enterprise

Sectors

No specific sector

Employees

50 up to 249

Turnover

€10m - €50m

Funding

About this organisation



Main areas covered	Polyurethane composite systems, Polyester foam resins, puropreg systems, PU-RTM systems
Infrastructure	Machine technology centre, Various polyurethane HD systems, Various polyurethane ND systems, Polyurethane LFI system
Certifications	ISO 9001:2008
Keywords	puropreg systems, ERPOL UP foam resins, LFI systems, PU RTM systems, Polyurethane systems
Memberships	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
<i>Products</i>			
Services & consulting Consulting, Testing and trials, Prototyping, Validation, Technology transfer	✓	✓	

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Field of technology			
<i>Design & layout</i>			
<i>Functional integration</i>			
<i>Measuring and testing technology</i>			
<i>Modelling and simulation</i>			
<i>Plant construction & automation</i>			
<i>Recycling technologies</i>			
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Others (Flooding components with PU)	✓	✓	
Fibre composite technology Resin infusion process, Resin transfer moulding, Others (Polyurethane LFI technology, polyurethane fibre spraying, PU honeycomb technology, PU-RTM technology)	✓	✓	
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
Composites Glass-fiber reinforced plastics (GFRP), Carbon-fiber reinforced plastics (CFRP), Natural fibre reinforced plastics (NFRP)	✓	✓	✓
<i>Fibres</i>			
Functional materials Others (Self-healing puroclear surface coating of RTM components (surface RTM) based on PU and EP resins)	✓	✓	✓
<i>Metals</i>			
Plastics Thermoset plastics, Elastomers	✓	✓	✓
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

Mr Jürgen Emig

*Head of Technology, PU Application
Technology*

juergen.emig@ruehl-ag.com

Mr Frank Silber

Sales Manager

frank.silber@ruehl-ag.com

Mr Helge Brunzlow

UP application technology

helge.brunzlow@ruehl-ag.com