

# Rösler CeramInno GmbH

## About this organisation

### Machine translation

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

We are a medium-sized company that combines innovation and experience. With our 70-year passion for ceramics as a material, we develop new solutions in the fields of technical ceramics and porcelain. We are also a competent and reliable partner for the thermal process treatment of all types of bulk materials and other ceramic mouldings (up to 1600°C).

Rösler CeramInno develops and produces high-strength, porous ceramic lightweight components that can be used permanently at temperatures of up to 1,600 degrees. Thanks to in-house mass preparation, lightweight raw materials are evaluated, tested on a pilot scale and upscaled. With the help of these technologies, the highly energy-intensive processes are designed to be extremely energy-efficient.

Langenauer Str. 2  
96355 Tettau-Schauberg  
Bavaria  
Germany  
[www.roesler-ceraminno.de](http://www.roesler-ceraminno.de)



### Organisation type

Small or medium-sized enterprise

### Sectors



Others: Herstellung von technisch-keramischen Erzeugnissen und Porzellan

### Employees

50 up to 249

### Turnover

€2m - €10m

### Funding

n/a



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<b>Main areas covered</b>	Foam ceramics, 3D printing, Lightweight kiln furniture
<b>Infrastructure</b>	Water absorption, BET measurements, Microscopy, Grain size analyses, Spray drying
<b>Certifications</b>	ISO 9001
<b>Keywords</b>	Thermal Treatment of Bulks, Additive manufacturing, Technical ceramics
<b>Memberships</b>	Bavarian Environmental Pact, Hyson - Hydrogen research, Ecovadis Sustainability

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Offer</b>			
<b>Products</b> Parts and components, Materials, Tools and moulds	✓	✓	✓
<b>Services &amp; consulting</b> Testing and trials, Engineering, Prototyping, Technology transfer	✓	✓	✓

## Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
<b>Field of technology</b>			
<b>Design &amp; layout</b> Lightweight manufacturing, Hybrid structures	✓	✓	✓
<b>Functional integration</b> Thermal activation	✓	✓	✓
<b>Measuring and testing technology</b> Component and part analysis, Visual analysis (e.g. microscopy, metallography), Materials analysis			✓
<b>Modelling and simulation</b> Life-cycle analysis, Optimisation, Materials	✓		
<i>Plant construction &amp; automation</i>			
<b>Recycling technologies</b> Material separation, Recycling	✓	✓	✓

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	Research	Development	Manufacturing & Supply
<b>Manufacturing process</b>			
<b>Additive manufacturing</b> 3D printing, Selective laser sintering (SLS)	✓	✓	✓
<b>Coating (surface engineering)</b> Others (Engobing of kiln furniture)			✓
<i>Fibre composite technology</i>			
<b>Forming</b> Compression moulding, Fluid active media based forming	✓	✓	✓
<i>Joining</i>			
<b>Material property alteration</b> Thermochemical treatment, Heat treatment	✓	✓	✓
<b>Primary forming</b> Extrusion, Casting, Sintering, Others (Die casting)	✓	✓	✓
<i>Processing and separating</i>			
<i>Textile technology</i>			

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	Research	Development	Manufacturing & Supply
<b>Material</b>			
<b>Biogenic materials</b> Wood	✓	✓	
<b>Cellular materials (foam materials)</b> Closed-pore, Open-pore	✓	✓	✓
<b>Composites</b> Ceramic matrix composite (CMC)	✓	✓	
<b>Fibres</b> Ceramic fibres	✓	✓	✓
<b>Functional materials</b> Piezoelectric materials			✓
<i>Metals</i>			
<i>Plastics</i>			
<b>Structural ceramics</b> Non-oxidic ceramics, Oxidic ceramics, Ultra-high-temperature ceramics	✓	✓	✓
<i>(Technical) textiles</i>			

## Contacts

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## Contacts

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