

IOLITEC Ionic Liquids Technologies GmbH

About this organisation

Machine translation

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

IoLiTec Ionic Liquids Technologies GmbH was founded in 2003 and is a multi-award-winning innovative technology company that manufactures highly specialised chemical products for various industries and the research sector. The portfolio includes around 350 ionic liquids for laboratory scale and over 20 ILs for pilot and industrial scale. IOLITEC also offers R&D services and custom synthesis.

With regard to the use of ionic liquids as electrolytes for the deposition of metals (IoLiLyt® technology), IoLiTec not only has outstanding expertise, which includes both the production of task-specific ionic liquids and the production of suitable combinations of ionic liquids with metal salts, some of which are new and unavailable, but also the corresponding personnel and equipment resources. Iolitec has already successfully completed various research projects in the field of aluminium deposition.

Im Zukunftspark 9
74076 Heilbronn
Baden-Württemberg
Germany
www.iolitec.de



Organisation type

Small or medium-sized enterprise

Sectors



Others: Forschung & Entwicklung

Employees

10 up to 49

Turnover

n/a

Funding

n/a

Main areas covered Metal deposition, Electrolyte for aluminium deposition, Development of new electrolytes

Infrastructure

Certifications ISO 9001

Keywords Ionic liquids, Electrolytes for metal deposition, Aluminium coating from IL, Metal co-deposits

Memberships

IOLITEC Ionic Liquids Technologies GmbH

Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Offer			
Products Materials, Others (Metal deposition electrolytes based on ionic liquids)	✓	✓	
Services & consulting Consulting, Testing and trials	✓	✓	
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>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Manufacturing process			
<i>Additive manufacturing</i>			
Coating (surface engineering) Others (Metal deposition from ionic liquids)	✓	✓	
<i>Fibre composite technology</i>			
<i>Forming</i>			
<i>Joining</i>			
<i>Material property alteration</i>			
<i>Primary forming</i>			
<i>Processing and separating</i>			
<i>Textile technology</i>			

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Overview of lightweighting expertise

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	Research	Development	Manufacturing & Supply
Material			
<i>Biogenic materials</i>			
<i>Cellular materials (foam materials)</i>			
<i>Composites</i>			
Fibres			
Carbon fibres	✓	✓	✓
<i>Functional materials</i>			
Metals			
Aluminium	✓	✓	
<i>Plastics</i>			
<i>Structural ceramics</i>			
<i>(Technical) textiles</i>			

Contacts

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Contacts

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