



## Institute

The Kunststoff-Institut Lüdenscheid unites cutting-edge know-how with the latest production technologies to further boost quality and economic efficiency – particularly focusing on injection-moulded parts made of thermoplastics and thermosets.

The company is certified in accordance with DIN EN ISO 9001 and the laboratory is accredited in accordance with DIN EN ISO/IEC 17025:2000.

## The Kunststoff-Institut Lüdenscheid

- Supports you in selecting, developing, optimising and implementing products, tools and processes in all areas of plastics technology
- Offers in-depth services in adjacent fields of polymer technologies regarding innovation, research and development within its business domains
- Was founded in 1988 as an “extended workbench”, which makes it the most experienced service provider in this sector
- Currently employs around 70 employees
- Generates an annual turnover of around seven million Euros each year

## Service

Our competences include:

- Materials engineering/  
New materials development
- Testing and Analysis  
technology
- Surface technology
- Application engineering/  
Process integration
- Mould technology/  
Coating technology
- Strategic market development
- Education and Training
- Joint projects, e.g. “Applications of sustainable materials – technical use of biobased materials 2”



## Activities in the field of biopolymers

- Market research – evaluation and supply of information sources, databases or studies, etc.
- Material selection with the aid of checklists
- Rating the materials with regard to the processing conditions (material preparation, plastication, flow characteristics)
- Examination of constructive and mould specific issues
- Analysis of material properties (e.g. shrinkage or warpage)
- Material tests against the background of specific requirements from different industries – e.g. odourtest, fogging, aging tests (solar simulation, weathering, climate storage)
- Implementation of selected surface and decoration processes for the verification of the practicability (varnishing, 3iTech®) and implementation of proper surface characterisations

## KUNSTSTOFF-INSTITUT LÜDENSCHIED

### Foundation

- 1988

### Budget

- > 7 million €

### Employees

- Approx. 70

### Branches

- Support in all areas of plastics technology

### Key materials

- Thermoplastic and thermoset materials

### Key products/services

- Material testing and failure analysis
- Materials Engineering/  
New Materials
- Surface technology
- Process engineering  
and development
- Joint projects

### Contact

**Kunststoff-Institut  
für die mittelständische  
Wirtschaft NRW GmbH (K.I.M.W)**  
Karolinenstr. 8  
58507 Lüdenscheid  
Germany  
Phone: +49 (0) 2351 1064 191  
mail@kunststoff-institut.de  
www.kunststoff-institut.de

### Contact persons



**Michael Tesch**  
tesch@kunststoff-institut.de  
**Julia Loth**  
loth@kunststoff-institut.de