



**WACKER**

**SILICONES**

**ELASTOSIL®**

TECHNICAL CENTER  
DEVELOPMENT, TESTING,  
OPTIMIZATION

CREATING TOMORROW'S SOLUTIONS



ONE TEST IS WORTH MORE THAN  
A THOUSAND FIGURES

# TECHNICAL CENTER – WE KEEP ON OPTIMIZING UNTIL YOU’RE SATISFIED



**Silicone rubber grades have almost unlimited application potential. This provides many advantages but also requires special expertise in material selection, adjustment and application. WACKER’s Technical Center will support you with state-of-the-art test methods, preliminary testing, prototyping and much more.**

WACKER is not only a globally respected manufacturer of silicone rubber grades, but also the customer-oriented contact for all questions concerning silicones. At our Technical Center, we continually develop, test, modify and optimize our HCR and LSR silicone rubber grades according to the latest methods.

This ensures that the WACKER silicones you receive will always be of optimum quality with ideal processing properties.

However, that’s by no means the whole story. Your production, too, will benefit directly from the Technical Center’s services. You, as a silicone rubber processor, can expect professional, personalized advice: from material selection, modification and optimization, through prototyping, to recommendations for plant and process technology. We also give you access to our pilot equipment and tooling. Or we work at your premises on your production plant.

Are you interested in hearing more about particular benefits and services? Our support staff and sales offices are at your disposal at all times anywhere in the world.

Just contact us.

# SUPPORT THAT BRINGS SUCCESS IN INJECTION MOLDING



## Services to Boost your Business

- Material selection testing
- Production of two-component samples for adhesion testing
- Modifying and optimizing silicone rubber to suit
- processes, process chains and various materials
- Testing parts made of novel silicone rubber or newly formulated products

**Injection molding: suitable for HCR and LSR silicone rubber grades and 2-component moldings.**

- In-situ production of prototypes and sample series using the client's own tooling for screening tests, approval or subsequent use by the end customer
- Joint development of specific products

More is available on request.

# EXTRUSION EXPERTISE AND SERVICES



**Extrusion: particularly suitable for HCR silicone rubber grades.**

## Services You'll Find Indispensable

- Extruding profiles, tubing, round bands, cables of different geometries and silicone rubber materials for test purposes
- Modifying and optimizing silicone rubber for particular requirements

## Even More Know-How

- Training at Wacker Chemie AG
- System consultancy, particularly process design and utilization of machines / tooling in new applications and projects
- In-situ process optimization
- Analysis and simulation of processing and manufacturing problems as they occur; individual troubleshooting and ensuring process stability
- Consultancy in bottleneck situations, e.g. small scale productions

The data presented in this brochure are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately upon receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The information given in this brochure should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

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# SERVICES OF THE TECHNICAL CENTER

## Process

### Injection molding

Testing using WACKER tooling at the Technical Center in Burghausen

Thermoplastic specimens

Two-component samples

Material optimization with various tools

Testing with customer's tooling at the Technical Center in Burghausen

Material selection + prototyping

Pilot series or small production runs

### Extrusion

Sample orders

Material optimization

### Other

Training

Consultancy for new applications

Process optimization at the customer's plant

**Prices by agreement, tender by Wacker Chemie AG  
Contact: your sales manager or authorized sales office**