

## High-performance plastics for the medical industry

Our range of medical Grade (MG) products are made from materials especially developed for medical technology. Combined with a high degree of application-specific expertise and experience, they form the foundation for the success of our customers in the medical technology industry.

### Maximum safety

The MG products come with analysis results demonstrating **biocompatibility** conforming to **DIN EN ISO 10993-5** and **USP Class VI** requirements. Certificates and reports can be provided on request. Quality management systems certified as conforming to DIN EN ISO 9001:2008 and EN ISO 13485:2012 ensure that our MG products meet a wide and diverse range of customer specifications.

### Cost efficiency

The combination of material and application expertise accelerates the development process, **simplifies** the **approval** of the medical device and thus **reduces your costs**.



*The Medical Grade materials from Röchling have been specially designed for use in medical technology and are found in numerous applications*



*Made of SUSTARIN C MG: Camera housing for an endoscope*

### Medical Grade materials from Röchling

Polystone® P MG (PP) • SUSTAPEEK MG (PEEK)  
SUSTASON PPSU MG (PPSU) • SUSTARIN C MG (POM)

#### Biocompatibility

The tests required under ISO 10993-5 and USP Class VI were performed directly on the semi-finished product for all standard colours

#### Sterilisation properties

Our MG products can be sterilised in a variety of methods, depending on the material

#### Raw materials

The entire formulation consists of high-quality materials from reputable sources

#### Traceability

Röchling offers a full audit trail for MG products, from the semi-finished product right back to the batch of raw materials

#### Chemical resistance

The MG products boast good chemical resistance to most standard disinfectants and cleaning agents

#### FDA conformity

The compliance of their chemical composition with the food safety and hygiene requirements laid down by the FDA is confirmed by the manufacturers in respect of all the materials

### Applications

Machined parts made from our materials can be found in many medical instruments, e.g. in dental technology, surgery, diagnostic radiology, treatment systems, pharmacy and biotechnology.

### Europe's largest stock of semi-finished products

Röchling has Europe's largest stock of semi-finished biocompatible plastics. That means they are available immediately. Depending on the material, our MG products are available ex stock as

- sheets up to 50 mm thick and
- rods up to 90 mm in diameter
- in up to 10 colours

### Contact

We would be happy to provide more details about our Medical Grade materials  
**Write to us now:**  
[sales@seplastic.com](mailto:sales@seplastic.com)