

### SustaPEEK MG

PEEK

#### Our premium material especially for medical devices

SustaPEEK MG was developed for the demanding requirements of the healthcare industry in particular medical devices. As a material of highest purity with exceptional resistance to sterilisation, it is e.g. ideal for surgical instruments. Thanks to its very high strength and rigidity, SustaPEEK MG ensures reliable performance in all applications. It retains its shape and property profile even under extreme conditions. With its excellent temperature stability of up to 250 °C in continuous use, it offers reliable performance.



#### Operating in the following industries

 Healthcare

#### Extended characteristics



##### **Sterilisation resistance**

Tested for hot steam (134°C, 10 minutes, 3.1 bar) up to 2,000 cycles (without additional cleaning). Other common sterilisation processes are also possible.



##### **Biocompatibility**

Tested and approved on the semi-finished product in accordance with ISO 10993-5 and USP Class VI (depending on colour). Further test series are available on request.



##### **Excellent chemical resistance**

Resistant to alkalis, organic and inorganic solvents, even at high temperatures. It also has very good hydrolysis resistance.



##### **Quality management**

The highest level of quality and performance: Our MG products are subject to ISO 13485-certified process instructions. Change management including NOC is standard.



##### **High continuous service temperature**

Even at operating temperatures of 250 °C the plastic retains its chemical structure. This is particularly important for applications with a high safety risk.

**Röchling Industrial. Empowering Industry.**  
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We are a system supplier and partner from the idea to the OEM's end product - as a cooperative value contribution. We are able to support the healthcare industry at the highest level.

**Armin Reuner - Industry Manager Healthcare - Mail:**  
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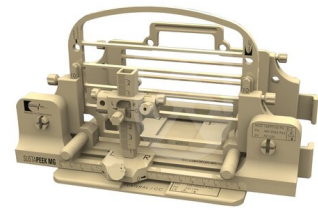
### Application examples



Handle of an ultrasonic probe



Handle for surgical instruments

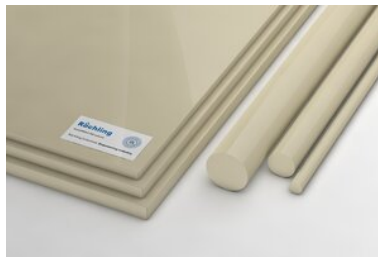


Breast biopsy unit

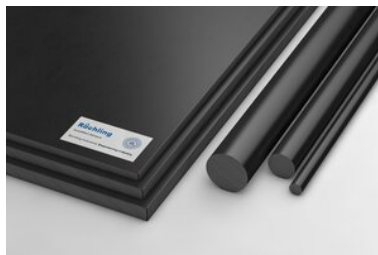
## Our product variants of SustaPEEK MG

For more information about technical data, product handling, certifications, compliance or delivery program scan the QR-Code and visit our website or talk to our experts.

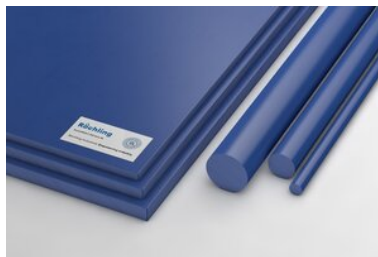
SustaPEEK MG natural



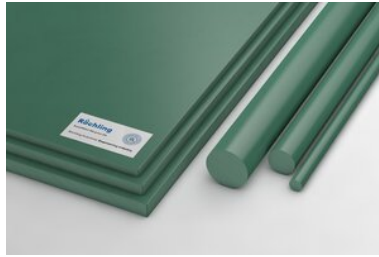
SustaPEEK MG black



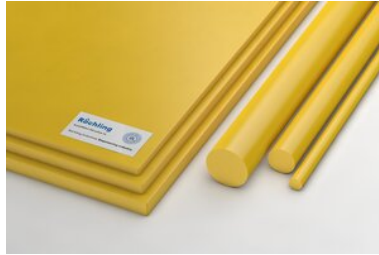
SustaPEEK MG blue BL



SustaPEEK MG green GN



SustaPEEK MG yellow YL



SustaPEEK MG red RD

