

## SustaPEEK MG

PEEK

Our premium material SustaPEEK MG was developed for the demanding requirements of the healthcare industry. 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 and approved for hot steam (134 °C, 10 minutes, 3.1 bar) for up to 2,000 cycles. In addition, all other common sterilisation methods are possible.



#### **Biocompatibility**

Tested on the semi-finished product and approved in accordance with ISO 10993-5 and/or USP Class VI. Further test procedures available upon request.



#### **Excellent chemical resistance**

Resistant to alkalis, organic and inorganic solvents, even at high temperatures. Besides, 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 mechanical strength**

Even at operating temperatures of 250 °C, so that other materials can be substituted. This is particularly important for applications with a high safety risk.

**Röchling Industrial. Empowering Industry.**  
[www.roechling.com/industrial](http://www.roechling.com/industrial)

Röchling Industrial Lahnstein SE & Co. KG  
Sustaplast-Str. 1 • 56112 Lahnstein/Germany (DE) • Tel. +49 2621 693-0 • [info.lahnstein@roechling.com](mailto:info.lahnstein@roechling.com)

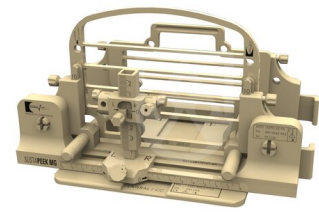
Print: 08/05/2024 • PIM-Version: 45 • PIM-ID: 752430 • PIM-Code: 45-571.154.160.513.144.158



### Application examples



Cabo para instrumentos cirúrgicos

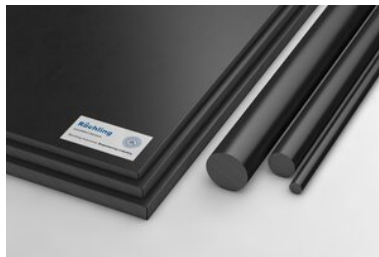


Unidade de biópsia de mama...

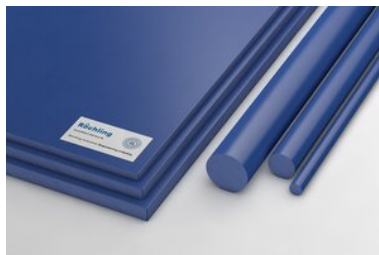
### Our product variants of SustaPEEK MG

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.

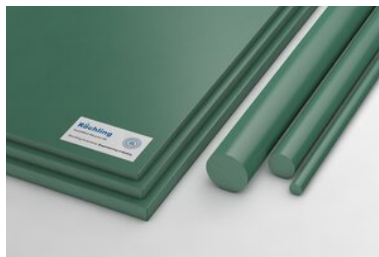
SustaPEEK MG black



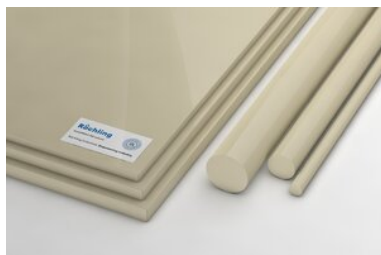
SustaPEEK MG blue BL



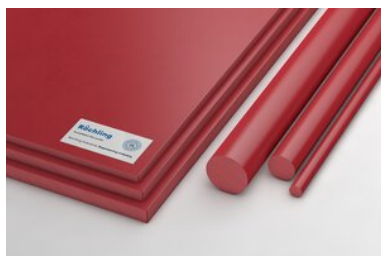
SustaPEEK MG green GN



SustaPEEK MG natural



SustaPEEK MG red RD



SustaPEEK MG yellow YL

