Röchling

Industrial

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.

Excellent chemical resistance

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

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.

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.

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.

Röchling Industrial Lahnstein SE & Co. KG
Sustaplast-Str. 1 • 56112 Lahnstein/DE • Tel. +49 2621 693-0 • info.lahnstein@roechling.com

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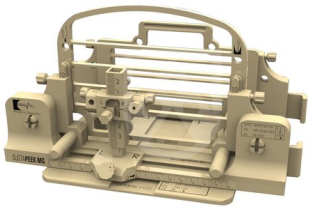
We are a system supplier and partner from the idea to the OEM's end product - as a cooperative value contribution. We are able to support the healthcare industry at the highest level.

Armin Reuner - Industry Manager Healthcare - Mail: AReuner@roechling.com

Application examples

Handle of an ultrasonic probe

手术刀手柄



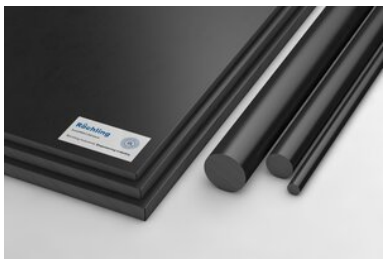
乳房活检装置

Our product variants of SustaPEEK MG

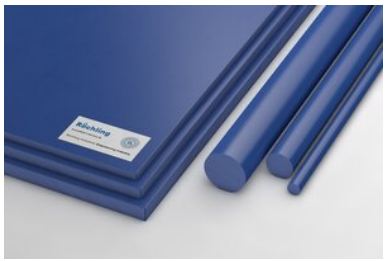
For more information about technical data, product handling, certifications, compliance or delivery program scan the QR-Code and visit our website or talk to our experts.

SustaPEEK MG natural

SustaPEEK MG black



SustaPEEK MG blue BL



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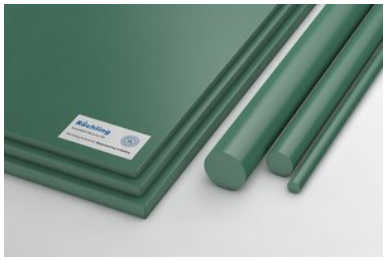
SustaPEEK MG green GN



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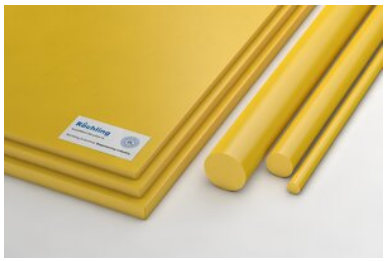
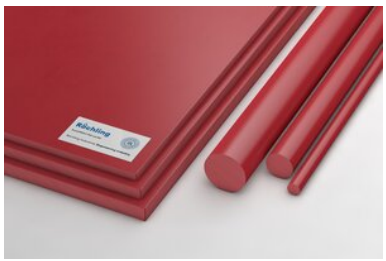


SustaPEEK MG red RD



SustaPEEK MG - ASTM

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