

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.





Působíme v následujících odvětvích

 Zdravotní péče


Rozšířené vlastnosti


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

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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.
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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. Empowering Industry.
www.roechling.com/industrial

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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

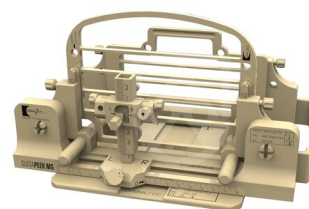
Příklady použití



Rukojeť pro ultrazvukovou sondu



Rukojeť pro chirurgické nástroje

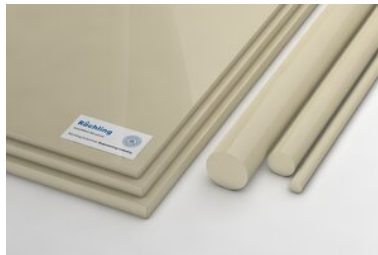


Jednotka biopsie prsu

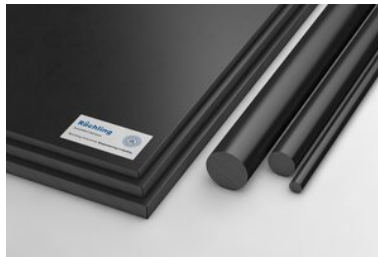
Naše varianty produktů SustaPEEK MG

Další informace o technických údajích, zacházení s výrobky, certifikacích, dodržování předpisů nebo programu dodávek získáte naskenováním QR-kódu a návštěvou našich webových stránek nebo konzultací s našimi odborníky.

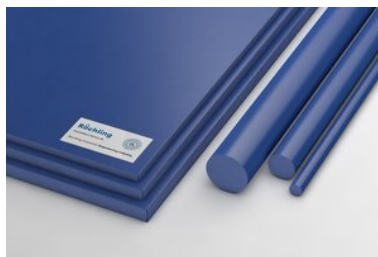
SustaPEEK MG natural



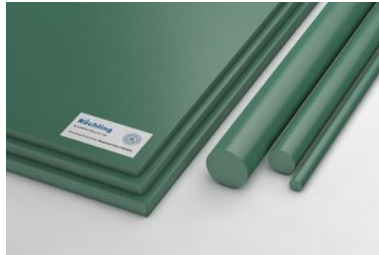
SustaPEEK MG black



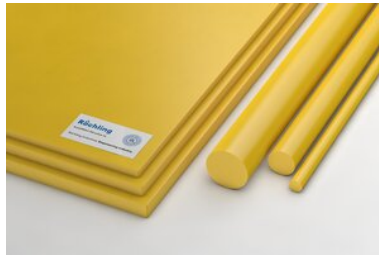
SustaPEEK MG blue BL



SustaPEEK MG green GN



SustaPEEK MG yellow YL



SustaPEEK MG red RD



SustaPEEK MG - ASTM

