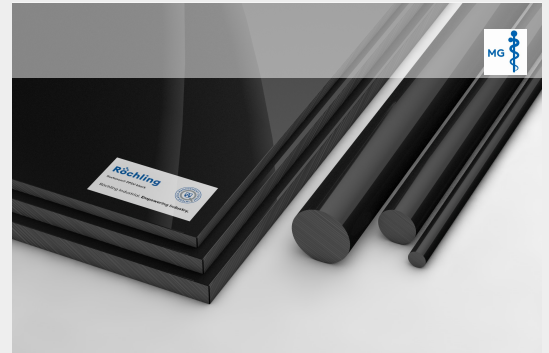


## Sustason® PPSU MG

PPSU

### Our premium material especially for medical devices

Sustason® PPSU MG was specially developed for demanding applications in the healthcare industry. It is the ideal material for plastic components in the medical environment like trial implants due to its high heat and sterilisation resistance to common processes. Biocompatibility in accordance with ISO 10993-5 and/or USP Class VI directly on the semi-finished product guarantees maximum safety and compatibility with biological systems. It also impresses with its good chemical resistance and high impact strength.



### 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.



#### **Very good 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: Our MG products are subject to ISO 13485-certified process instructions. Change management including NOC is a basic requirement.



#### **High mechanical strength**

It retains its shape and property profile even when subjected to mechanical stresses and temperatures of up to 180°C.

**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: 09/12/2024 • PIM-Version: 109 • PIM-ID: 752425 • PIM-Code: 109-703.643.702.662.666.666.656.660.558





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.

**Industry Manager Healthcare - Mail: [AReuner@roechling.com](mailto:AReuner@roechling.com)**

### Application examples



Composants en plastique pour endoscopes



Essais de dimensionnement

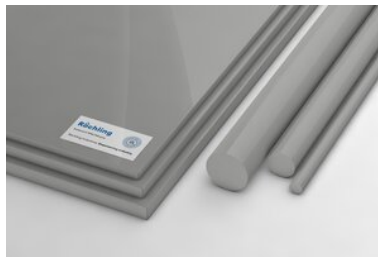


Matériaux pour ventilateurs

### Our product variants of Sustason® PPSU 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.

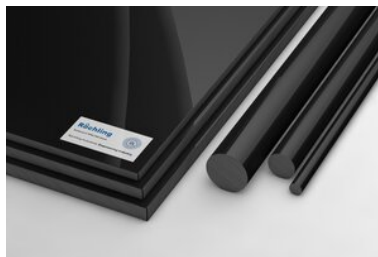
Sustason® PPSU MG grey



Sustason® PPSU MG bone  
NT15



Sustason® PPSU MG black



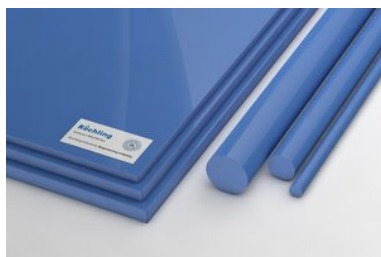
Sustason® PPSU MG yellow



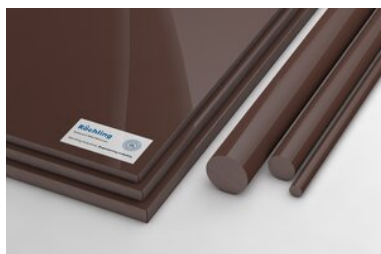
Sustason® PPSU MG red



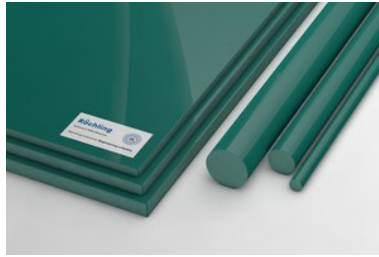
Sustason® PPSU MG blue



Sustason® PPSU MG brown



Sustason® PPSU MG green



Sustason® PPSU MG orange

