Röchling

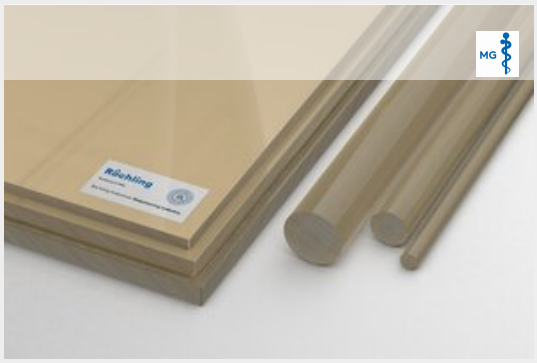
Industrial

Sustason® PSU MG natur

PSU

Our specialist for pharmaceutical industry

Sustason® PSU MG was developed for the high requirements of the healthcare sector for transparent applications such as laboratory equipment, sight glasses or media-carrying components. Compared to PC, the plastic has a 42°C higher glass transition temperature and therefore in the temperature range from 130°C to 160°C a significantly higher strength. It is less sensitivity to stress cracking than PC, too. Furthermore, the amber-coloured transparency is better than that of other amorphous high-performance plastics (PEI, PPSU).



Operating in the following industries

Healthcare

Extended characteristics

Sterilisation resistance

Tested on resin for hot steam (134°C, 18 minutes) for up to 500 cycles. In addition, all other common sterilisation methods are possible.

Biocompatibility

Tested and approved on the semi-finished product in accordance with ISO 10993-5. Further test series are available on request.

Good chemical resistance

Resistant to inorganic acids, alkalis, salts, alcohols and aliphatic hydrocarbons; however, unsuitable for ketones, esters and aldehydes.

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

It retains its shape and property profile even when subjected to mechanical stresses and temperatures of up to 160°C.

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

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Our product variants of Sustason® PSU MG natur

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.

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