

### 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.



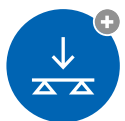
##### **Good chemical resistance**

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.

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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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