

## Polystone® P HG HI

PP-C

### High-performance polypropylene especially for the Healthcare industry

In addition to its good hot steam sterilizability, this special material has good machinability and excellent chemical resistance. Polystone® P HG HI is a copolymer with increased impact strength. This unique property profile makes it perfect for components for respiratory equipment or for applications in the pharmaceutical industry, either as a distribution unit, components for drug production or in chromatography.



### Operating in the following industries

 Healthcare

### Extended characteristics



#### Sterilization resistance

After 200 cycles of heating steam sterilization at 134°C, 10 minutes, 3.1 bar chamber pressure, it shows no change in mechanical properties or color.



#### Biocompatibility

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



#### High flexibility

A wide range of colours and dimensions are available. Please contact us directly – we will be happy to answer your questions.



#### Quality Management

The highest level of quality and performance in products, processes, the safety and health of our employees and the careful use of resources.



#### Good machinability

Polystone® P HG can be processed very well within narrow tolerances using conventional CNC machines. The material is also dimensionally stable.

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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.

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

### Application examples



Centrifuge applications

**Röchling Industrial. Empowering Industry.**

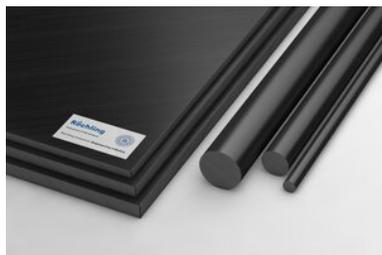
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## Our product variants of Polystone® P HG HI

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.

Polystone® P HG HI black



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