


CENTRO HPM / PPSU

Product information	
Trade name:	CENTRO HPM
Abbreviation ISO 1043:	PPSU
Designation:	Polyphensulphone
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	Black

Short description
PPSU is an amorphous thermoplastic, which is characterised by its high impact strength, chemical resistance and outstanding hydrolysis resistance. PPSU is permanently resilient to up to +180 °C, short-term even up to +210 °C. PPSU can be sterilised and, therefore, is often used in medical technology or the pharmaceutical industry. The BfR-/FDA approval assures physiological safety. PPSU is available in the colour black.

Properties		
➤ Density:	1.29 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	2,500 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	210 °C	

Field of use	Field of application
➤ Automotive industry	➤ Medical equipment construction
➤ Electrical industry	➤ Pharmaceutical equipment construction
➤ Mechanical engineering	
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	10 – 50 mm
Stock lengths:	1,000 mm 3,000 mm
Tolerance length:	0% to +3%
<i>Additional dimensions available on request.</i>	