




## CENTROTRON / PPS

Product information	
Trade name:	CENTROTRON
Abbreviation ISO 1043:	PPS
Designation:	Polyphenylene sulfide
Type of polymer:	Thermoplastic
Food compliance BfR:	o.r.
Food compliance FDA:	o.r.
Colour:	Black

Short description
<p>PPS is a semi-crystalline thermoplastic, which possesses high resistance, toughness, and stiffness. PPS is applicable in a temperature range up to +260 °C. This high-performance plastic shows extraordinary results with abrasion and wear loads. Close tolerances can be maintained. PPS-plastics are often used as plug connectors, pump components or electronic components. PPS is available in the colour black.</p>

Properties		
➤ Density:	1.35 g/cm <sup>3</sup>	ISO 1183
➤ Tensile modulus of elasticity:	3,500 MPa	ISO 527-2
➤ Specific surface resistance:	10 <sup>15</sup> Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	260 °C	

Field of use	Field of application
➤ Automotive industry	➤ Exhaust pipes
➤ Electrical industry	➤ Parts for electrical ovens
➤ Mechanical engineering	➤ Plug connectors
➤ Medical technology	➤ Pumps
➤ Plastics industry	➤ Sensor housings
➤ More industries	

Delivery program	
 Rods	20 – 70 mm
 Plates	10 – 60 mm
 Tubes	on request

Stock lengths:	1,000 mm   3,000 mm
Width:	610 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
<b><i>Additional dimensions available on request.</i></b>	