




CENTROTRON GF 15 / PPS GF 15

Product information	
Trade name:	CENTROTRON GF 15
Abbreviation ISO 1043:	PPS GF 15
Designation:	Polyphenylene sulfide 15 % glass fibre
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	No
Colour:	Anthracite

Short description
<p>During the modification with PPS GF 15, the basic polyphenylene sulphide polymer is reinforced with 15% glass-fibres. This leads to stiffness and increased resistance of the binding substance and an increased heat distortion resistance at the same time. The tensile strength is increased to 5.000 MPa. Among other things, bearings, sensors or exhaust pipes are manufactured from PPS GF 15 plastics.</p>

Properties		
➤ Density:	1.41 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	5,000 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹⁵ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	240 °C	

Field of use	Field of application
➤ Automotive industry	➤ Bearings
➤ Electrical industry	➤ Sealing rings
➤ Mechanical engineering	
➤ Medical technology	
➤ Plastics industry	
➤ 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%
<i>Additional dimensions available on request.</i>	