




## CENTROPHEN / PPE

Product information	
Trade name:	CENTROPHEN
Abbreviation ISO 1043:	PPE
Designation:	Polyphenyle ether modified
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	Yes
Colour:	Grey

Short description
<p>PPE is a semi-crystalline thermoplastic, which distinguishes itself through its high dimensional stability and impact resistance. PPE is applicable within a temperature range of -40 to +115 °C. Due to its high resistance to heat distortion, PPE also has a low creep tendency at elevated temperatures and, furthermore, is hardly inflammable. PPE-plastics are often used as armatures, drive components for household appliances or electronic components. The FDA approval assures physical safety. PPE is available in the colour grey.</p>

Properties		
➤ Density:	1.06 g/cm <sup>3</sup>	ISO 1183
➤ Tensile modulus of elasticity:	2,300 MPa	ISO 527-2
➤ Specific surface resistance:	10 <sup>15</sup> Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	105 °C	

Field of use	Field of application
➤ Automotive industry	➤ Components for electronic equipment
➤ Electrical industry	➤ Drive components for domestic appliance
➤ Mechanical engineering	➤ Fittings
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	10 – 150 mm
 Plates	10 – 60 mm
 Tubes	on request
Stock lengths:	1,000 mm   3,000 mm
Width:	500 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
<b>Additional dimensions available on request.</b>	