


CENTROPEEK / PEEK

Product information	
Trade name:	CENTROPEEK
Abbreviation ISO 1043:	PEEK
Designation:	Polyetheretherketone
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	Natural

Short description
<p>PEEK is a semi-crystalline thermoplastic, which distinguishes itself through its outstanding mechanical properties, as well as through its high resistance against chemicals and high-energy radiation. PEEK is resilient up to +250 °C, short-term even up to +310 °C. Due to the high resistance to heat, PEEK is often used in medical technology. The BfR-/FDA approval assures physiological safety. PEEK is available in the colour natural.</p>

Properties		
➤ Density:	1.31 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	4,400 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	310 °C	

Field of use	Field of application
➤ Automotive industry	➤ Insulations
➤ Electrical industry	➤ Motor elements
➤ Mechanical engineering	➤ Object holders
➤ Medical technology	➤ Sliding bearings
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	10 – 150 mm
Stock lengths:	1,000 mm 3,000 mm
Tolerance length:	0% to +3%
<i>Additional dimensions available on request.</i>	