

CENTRO HPM / PEI

Product information	
Trade name:	CENTRO HPM
Abbreviation ISO 1043:	PEI
Designation:	Polyetherimide
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	Yes
Colour:	Amber transparent

Short description
<p>PEI is an amorphous thermoplastic, which is characterised by its high strength and stiffness, even in high temperatures. PEI is permanently resilient up to +170 °C, short-term even up to +200 °C. The flame resistance is outstanding. PEI is often used in electrical engineering or in medical engineering as electronic insulators or primary components. FDA approval assures physiological safety. PEI is available in the colour translucent amber.</p>

Properties		
➤ Density:	1.27 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	3,400 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	200 °C	

Field of use	Field of application
➤ Automotive industry	➤ Electrical insulators
➤ Electrical industry	➤ Load-bearing components
➤ Mechanical engineering	
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	12,7 – 101,6 mm
Stock lengths:	1,220 mm 2,440 mm
Tolerance length:	0% to +3%
<i>Additional dimensions available on request.</i>	