




## CENTROMID 6 E / PA 6 E

Product information	
Trade name:	CENTROMID 6 E
Abbreviation ISO 1043:	PA 6 E
Designation:	Polyamide 6 extruded
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	Natural, Black

Short description
<p>PA 6 E is a high crystalline thermoplastic, which is comprised of one basic unit. The number 6 indicates the number of C-atoms of the basic molecular structure. PA 6 E possesses high toughness and heat stability. A high elastic-module is reached through hydrogen binding. PA 6 E is applicable within a temperature range of -40 to +160 °C. PA 6 E-parts are often used as bearings, gear wheels, rollers or seals. The BfR-/FDA approval assures physiological safety. PA 6 E is available in the colours natural and black.</p>

Properties		
➤ Density:	1.14 g/cm <sup>3</sup>	ISO 1183
➤ Tensile modulus of elasticity:	3,250 MPa	ISO 527-2
➤ Specific surface resistance:	10 <sup>13</sup> Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	160 °C	

Field of use	Field of application
➤ Automotive industry	➤ Flanges
➤ Electrical industry	➤ Sealing rings
➤ Mechanical engineering	➤ Sleeves
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	5 – 200 mm
 Plates / Sheets / Films	0.3 – 50 mm
 Tubes	on request
Stock lengths:	1,000 mm   3,000 mm
Width:	500 mm   610 mm   1,000 mm   1,220 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
<b>Additional dimensions available on request.</b>	