

CENTROMID 6.6 / PA 6.6

Product information	
Trade name:	CENTROMID 6.6
Abbreviation ISO 1043:	PA 6.6
Designation:	Polyamide 6.6
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	Natural

Short description
<p>PA 6.6 is a high crystalline thermoplastic, which is comprised of two basic units. The number 6.6 indicates the number of C-atoms of both basic structures of the molecules. PA 6.6 possesses an increased resistance to toughness and wear, as well as an increased resistance to abrasion. Excellent toughness is given even in low temperatures. PA 6.6 is applicable within a temperature range of -30 to +180 °C. PA 6.6 plastics are often used as track rollers, rope pulleys or gear racks. The BfR-/FDA approval assures physiological safety. PA 6.6 is available in the colours natural and black.</p>

Properties		
➤ Density:	1.14 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	3,100 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	180 °C	

Field of use	Field of application
➤ Automotive industry	➤ Bearing cages
➤ Electrical industry	➤ Rollers
➤ Mechanical engineering	➤ Sliding bearings
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	10 – 200 mm
 Plates / Sheets	1,5 – 50 mm
 Tubes	on request

Stock lengths:	1,000 mm 2,000 mm 3,000 mm
Width:	610 mm 1,000 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%

Additional dimensions available on request.