




CENTROMID 6 G / PA 6 Cast

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

Short description
<p>PA 6 G 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. Compared to PA 6 E, PA 6 G is not extruded but is produced by means of casting processes. A high elastic-module is reached through hydrogen binding. PA 6 G is applicable within a temperature range of -30 to +170 °C. PA 6 G parts are often used as rope pulleys, gear wheels or lightly loaded plain bearings. The BfR-/FDA approval assures physiological safety. PA 6 G is available in the colours natural and black.</p>

Properties		
➤ Density:	1.15 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	3,500 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	170 °C	

Field of use	Field of application
➤ Automotive industry	➤ Hammerheads
➤ Electrical industry	➤ Rope pulley
➤ Mechanical engineering	➤ Sliding bearings
➤ Medical technology	➤ Toothed gears
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	50 – 500 mm
 Sheets	10 – 100 mm
 Tubes	on request
Stock lengths:	1,000 mm 2,000 mm 3,000 mm
Width:	1,000 mm 1,220 mm
Tolerance length:	0% to +3%
Tolerance width:	0% to +3%
Additional dimensions available on request.	