




CENTROMID 12 / PA 12

Product information	
Trade name:	CENTROMID 12
Abbreviation ISO 1043:	PA 12
Designation:	Polyamide 12
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	Natural

Short description
<p>PA 12 is a high crystalline thermoplastic, which is comprised of one basic unit. The number 12 indicates the number of C-atoms of the basic molecular structure. PA 12 possesses high impact strength and only absorbs little moisture. The chemical resistance is improved. PA 12 is applicable to up to 150 °C. PA 12-plastics are often used as precision or drive components. The BfR-/FDA approval assures physiological safety. PA 12 is available in the colours natural and black.</p>

Properties		
➤ Density:	1.04 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	1,300 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹² Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	150 °C	

Field of use	Field of application
➤ Automotive industry	➤ Cases
➤ Electrical industry	➤ Drive parts
➤ Mechanical engineering	➤ Housing
➤ Medical technology	➤ Precision elements
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	10 – 150 mm
 Plates / Sheets	2 – 60 mm
 Tubes	on request

Stock lengths:	1,000 mm 3,000 mm
Width:	500 mm 1,000 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
Additional dimensions available on request.	