




CENTROMID 6 GF / PA 6 GF 30

Product information	
Trade name:	CENTROMID 6 GF
Abbreviation ISO 1043:	PA 6 GF 30
Designation:	Polyamide 6 30 % glass fibre
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	No
Colour:	Black

Short description
<p>During the modification with PA 6 GF 30, the basic polyamide 6 polymer is reinforced with 30% glass-fibres. This leads to stiffness and increased resistance in the composite material and an increased heat distortion resistance at the same time. The impact strength is reduced, the tensile strength is increased up to 8.700 MPa. PA 6 GF 30 plastics are often used as track and rope pulleys.</p>

Properties		
➤ Density:	1.34 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	8,700 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	➤ Racks
➤ Electrical industry	➤ Rollers
➤ Mechanical engineering	➤ Rope pulleys
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	20 – 150 mm
 Plates	10 – 50 mm
 Tubes	on request

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