

CENTROMID 12 GF / PA 12 GF 30

Product information	
Trade name:	CENTROMID 12 GF
Abbreviation ISO 1043:	PA 12 GF 30
Designation:	Polyamide 12 30 % glass fibre
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	No
Colour:	Natural

Short description
<p>During the modification with PA 12 GF 30, the basic polyamide 12 is reinforced with 30% glass-fibres. This leads to stiffness and increased resistance in the binding substance and an increased heat distortion resistance at the same time. The impact strength is reduced, the tensile strength is increased up to 6.000 MPa. PA 12 GF 30-plastics are often used as lever or valve components.</p>

Properties		
➤ Density:	1.23 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	6,000 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	➤ Lever
➤ Electrical industry	➤ Valve parts
➤ Mechanical engineering	
➤ 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>	