



CENTRODAL GF / POM GF 30

Product information	
Trade name:	CENTRODAL GF
Abbreviation ISO 1043:	POM GF 30
Designation:	Polyoxymethylene 30 % glass fibre
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	No
Colour:	Black

Short description
<p>During the modification with POM GF 30, the basic polyoxymethylene polymer is strengthened with 30% glass-fibres. This leads to increased stiffness and resistance in the composite material and an increased heat distortion resistance at the same time. The impact strength is reduced, the tensile and flexural strength is increased to up to 9.200 MPa and/or 7.800 MPa. POM GF 30-plastics are often used as dimensionally stable components in the pump and valve industry.</p>

Properties		
➤ Density:	1.60 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	9,200 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹² Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	140 °C	

Field of use	Field of application
➤ Automotive industry	➤ Annular gears
➤ Electrical industry	➤ Dimensionally accurate structural comp.
➤ Mechanical engineering	➤ Housings
➤ Medical technology	➤ Racks
➤ Plastics industry	➤ Transmission components
➤ More industries	

Delivery program	
 Rods	16 – 125 mm
 Plates	10 – 50 mm
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>	