


CENTROLEN / PP GF 30

Product information	
Trade name:	CENTROLEN
Abbreviation ISO 1043:	PP GF 30
Designation:	Polypropylene 30 % glass fibre
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	No
Colour:	No

Short description
<p>During the modification with PP GF 30, the basic polypropylene polymer 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 and bending strength is increased up to 6.500 MPa and/or 5.500 MPa. PP GF 30-plastics are often used as fan blades or air filter housings.</p>

Properties		
➤ Density:	1.15 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	6,500 MPa	ISO 527-2
➤ Specific surface resistance:	-	IEC 60093
➤ Temperature for usage in air (max. short term):	140 °C	

Field of use	Field of application
➤ Automotive industry	➤ Air filter housings
➤ Electrical industry	➤ Fan blades
➤ Mechanical engineering	➤ Fittings with high loads
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	on request
 Plates	on request
 Tubes	on request
<i>Additional dimensions available on request.</i>	