


CENTROLEN / PP LF

Product information	
Trade name:	CENTROLEN
Abbreviation ISO 1043:	PP LF
Designation:	Polypropylene conductive
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	No
Colour:	Black

Short description
<p>During the modification with PP LF, metal powder is added to the basic polypropylene polymer. The plastic can conduct electricity; the high resistance to tear and chemicals remains intact. The specific surface resistance is reduced to 10^3 Ohm. PP LF-plastics are often used as filter heads, casings or as mechanical conveyors for flammable liquids.</p>

Properties		
➤ Density:	1.04 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	1,450 MPa	ISO 527-2
➤ Specific surface resistance:	<10 ³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	-	

Field of use	Field of application
➤ Automotive industry	➤ Conveyor equipment
➤ Electrical industry	➤ Filter heads
➤ Mechanical engineering	➤ Housings
➤ Medical technology	➤ Pump bodies for mining
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	20 – 300 mm
Stock lengths:	1,000 mm 2,000 mm
Tolerance length:	0% to +3%
<i>Additional dimensions available on request.</i>	