




CENTRODAL C / POM C

Product information	
Trade name:	CENTRODAL C
Abbreviation ISO 1043:	POM C
Designation:	Polyoxymethylene Copolymer
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	Natural / Black

Short description
<p>POM C is a partially crystalline thermoplastic, which is characterized by its excellent machinability, dimensional stability, and chemical resistance. POM C is applicable in the temperature range from - 40 to + 140 °C. Due to the excellent glide and wear behaviour, POM C engineering plastics are often used for track rollers, gear wheels or guides in the machinery construction. The BfR-/FDA approval assures physiological safety. POM C is available in the colours natural and black, as well as in custom colours upon request.</p>

Properties		
➤ Density:	1.41 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	2,600 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	140 °C	

Field of use	Field of application
➤ Automotive industry	➤ Cams
➤ Electrical industry	➤ Guides
➤ Mechanical engineering	➤ Pump components
➤ Medical technology	➤ Ratchets
➤ Plastics industry	➤ Sliding plates
➤ More industries	➤ Toothed wheels

Delivery program	
 Rods	5 – 255 mm
 Plates / Sheets / Films	0.5 – 100 mm
 Tubes	20/10 – 350/300 mm
Stock lengths:	1,000 mm 2,000 mm 3,000 mm
Width:	500 mm 610 mm 1,000 mm 1,220 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
<i>Additional dimensions available on request.</i>	