

CENTRODAL C FG / POM C FG

Product information

Trade name:	CENTRODAL C FG
Abbreviation ISO 1043:	POM C FG
Designation:	Polyoxymethylene Copolymer
Type of polymer:	Thermoplastic
Food compliance EU-VO 10/2011:	Yes
Food compliance FDA:	Yes
Colour:	Natural / Ultramarine blue / Traffic blue

Short description

POM C FG is a partially crystalline thermoplastic, which is characterized by its excellent machinability, dimensional stability, and chemical resistance. POM C FG is applicable in the temperature range from -40 to + 140 °C.

Due to the excellent glide and wear behaviour, POM C FG engineering plastics are often used for track rollers, gear wheels or guides in the machinery construction. The EU-VO 10/2011-/FDA approval assures physiological safety. POM C FG is available in the colours natural and black, as well as in custom colours upon request.

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	6 – 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%

Additional dimensions available on request.