

CENTRODAL TF / POM + PTFE

Product information	
Trade name:	CENTRODAL TF
Abbreviation ISO 1043:	POM + PTFE
Designation:	Polyoxymethylene + PTFE
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	Natural

Short description
<p>During the modification POM + PTFE, PTFE-powder is added to the basic polyoxymethylene polymer. This leads to an improvement of friction behaviour and to maintenance-free sliding. The high stiffness and stability remain. POM + PTFE-plastics are often used in the drive and conveying technology as gear wheels, chain guides, scrapers or rollers.</p>

Properties		
➤ Density:	1.52 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	2,500 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹⁴ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	150 °C	

Field of use	Field of application
➤ Automotive industry	➤ Chain guides
➤ Electrical industry	➤ Rollers
➤ Mechanical engineering	➤ Scrapers
➤ Medical technology	➤ Seals
➤ Plastics industry	➤ Toothed wheels
➤ More industries	

Delivery program	
 Rods	16 – 180 mm
 Plates	10 – 50 mm
Stock lengths:	1,000 mm 3,000 mm
Width:	610 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
Additional dimensions available on request.	