

CENTRODAL GL / POM + PE

Product information

Trade name:	CENTRODAL GL
Abbreviation ISO 1043:	POM + PE
Designation:	Polyoxymethylene + PE-UHMW
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	Blue

Short description

During the modification of POM + PE, a PE-UHMW is incorporated to the basic polyoxymethylene polymer. It leads to an improvement of the friction and dry sliding behaviour. The sliding friction coefficient to steel equals 0.19. Squeaking noises are minimised. POM + PE engineered plastics are often found as dynamically stressed building blocks such as bearing bushings or sliding plates within the food industry.

Properties



➤ Density:	1.35 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	2,200 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	➤ Bearing bushes
➤ Electrical industry	➤ Sliding plates
➤ Mechanical engineering	➤ Structural components
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program

 Rods	16 – 180 mm
 Plates	10 – 70 mm
 Tubes	70/40 – 200/120 mm

Stock lengths:	1,000 mm 3,000 mm
Width:	500 mm 610 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%

Additional dimensions available on request.