

CENTRODAL H / POM H

Product information

Trade name:	CENTRODAL H
Abbreviation ISO 1043:	POM H
Designation:	Polyoxymethylene Homopolymer
Type of polymer:	Thermoplastic
Food compliance EU-VO 10/2011:	Yes
Food compliance FDA:	No
Colour:	Natural / Black / Desired colours

Short description

POM H is a homopolymer, which is characterized by its excellent machinability, dimensional stability, and chemical resistance. POM H is applicable in the temperature range from -50 to + 150 °C. Due to the excellent glide and wear behaviour, POM H engineering plastics are often used for track rollers, gear wheels or guides in the machinery construction. The EU-VO 10/2011 approval assures physiological safety. POM H is available in the colours natural and black, as well as in custom colours upon request.

Properties




➤ Density:	1.42 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	3,600 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	150 °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	10 – 150 mm
 Plates	10 – 100 mm
 Tubes	on request

Stock lengths:	1,000 mm 3,000 mm
Width:	500 mm 610 mm
Tolerance length:	0% to +3%
Tolerance width:	+0,5% to +4%

Additional dimensions available on request.