

CENTRO HPM / PSU

Product information	
Trade name:	CENTRO HPM
Abbreviation ISO 1043:	PSU
Designation:	Polysulphone
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	Yes
Colour:	Yellow transparent

Short description
<p>PSU is an amorphous thermoplastic, which is characterised by its outstanding hydrolysis, radiation and chemical resistance. PSU is permanently resilient up to +150 °C, short-term even up to +180 °C. PSU is often used in the food processing industry or medical technology. FDA approval assures physiological safety. PSU is available in the colour transparent yellow.</p>

Properties		
➤ Density:	1.24 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	2,700 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹³ Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	180 °C	

Field of use	Field of application
➤ Automotive industry	➤ Food processing industry
➤ Electrical industry	➤ Medical equipment
➤ Mechanical engineering	➤ Pumps
➤ Medical technology	➤ Valves
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	10 – 100 mm
Stock lengths:	1,000 mm 3,000 mm
Tolerance length:	0% to +3%
<i>Additional dimensions available on request.</i>	