

Product information sheet



CENTROMID 12 W / PA 12 soft

Product information	
Trade name:	CENTROMID 12 W
Abbreviation ISO 1043:	PA 12 soft
Designation:	Polyamide 12 soft
Type of polymer:	Thermoplastic
Food compliance BfR:	No
Food compliance FDA:	No
Colour:	Natural

Short description
<p>During the modification with PA 12 soft, a softener is added to the basic polyamide 12 polymer. The resistance of the binding substance is reduced, the application temperature decreases to 125 °C. The tensile strength is reduced to 400 MPa. PA 12 soft plastics are often used as flexible hoses for screw and spiral conveyors.</p>

Properties		
➤ Density:	1.03 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	400 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹² Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	125 °C	

Field of use	Field of application
➤ Automotive industry	➤ Flexible tubes for worm gears
➤ Electrical industry	
➤ Mechanical engineering	
➤ Medical technology	
➤ Plastics industry	
➤ More industries	

Delivery program	
 Rods	on request
 Plates	on request
 Tubes	on request
<i>Additional dimensions available on request.</i>	