

CENTROMID 12 LE W / PA 12 LE soft

Product information

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

Short description

During the modification with PA 12 LE soft, a special "food compliant" softener is added to the basic polyamide 12 polymer. The modification is also food safe. The resistance of the binding substance is reduced, the application temperature decreases to 130 °C. The tensile strength is reduced to 350 MPa. PA 12 LE soft-plastics are often used as flexible hoses for screw and spiral conveyors in the food industry.

Properties

➤ Density:	1.00 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	350 MPa	ISO 527-2
➤ Specific surface resistance:	10 ¹² Ohm	IEC 60093
➤ Temperature for usage in air (max. short term):	130 °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

Additional dimensions available on request.