

CENTROLAB HT / PP-HT

Product information	
Trade name:	CENTROLAB HT
Abbreviation ISO 1043:	PP-HT
Designation:	Polypropylene higher temperature
Type of polymer:	Thermoplastic
Food compliance BfR:	Yes
Food compliance FDA:	Yes
Colour:	White

Short description
<p>PP-HT is a semi-crystalline plastic, which distinguishes itself through its high acid and chemical resistance and mechanical strength. PP-HT is applicable within a temperature range of -30 to temporary +140 °C. Due to its high resistance to temperature, PP-HT-plastics are often used in medical technology as sterilisation boxes or for analysis devices. The BfR-/FDA approval, as well as the conformity in accordance with USP Class VI provide physiological safety. PP-HT is available in the colour white.</p>

Properties		
➤ Density:	0.93 g/cm ³	ISO 1183
➤ Tensile modulus of elasticity:	1,400 MPa	ISO 527-2
➤ Specific surface resistance:	-	IEC 60093
➤ Temperature for usage in air (max. short term):	140 °C	

Field of use	Field of application
➤ Automotive industry	➤ Analytical devices
➤ Electrical industry	➤ Chemical container
➤ Mechanical engineering	➤ Handles
➤ Medical technology	➤ High loaded sliding elements
➤ Plastics industry	➤ Sterilizing units
➤ More industries	➤ Trays

Delivery program	
 Rods	10 – 100 mm
 Plates / Sheets	3 – 60 mm
 Tubes	on request
Stock lengths:	1,000 mm 2,000 mm 3,000 mm
Width:	610 mm 1,000 mm
Tolerance length:	0% to +3%
Tolerance width:	+1% to +4%
<i>Additional dimensions available on request.</i>	