

# DENIFORM 1010

POM resin, 10% glass fiber reinforced for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,47
MVR (190°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	7
Linear Mould Shrinkage	-	ASTM D-955	%	1,8
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,9
Water Adsorption	23°C-Sat	ISO-62	%	0,8
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	160
Long Term Temperature	-	Internal Method	°C	90
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	4,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	35
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	95
Elongation at Break	23 °C	ISO-527/1-2	%	3,6
Tensile Modulus	23 °C	ISO-527/1-2	MPa	4500

