

# DENILEN B 2010 CB

PP resin, 20% glass fiber reinforced for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,04
MVR (230°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	3
Linear Mould Shrinkage	-	ASTM D-955	%	0,6
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,9
Water Adsorption	23°C-24h	ASTM D-570	%	0,02
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	130
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	140
Long Term Temperature	-	Internal Method	°C	120
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	11
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	40
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	65
Elongation at Break	23 °C	ISO-527/1-2	%	4
Tensile Modulus	23 °C	ISO-527/1-2	MPa	4500

