

# DENILUB B 20G 3TF

PBT resin, 20% glass fiber reinforced with improved slip properties for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,55
MVR (250°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	30
Linear Mould Shrinkage	-	ASTM D-955	%	0,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,7
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	205
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	210
Long Term Temperature	-	Internal Method	°C	135
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	9
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	45
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	100
Elongation at Break	23 °C	ISO-527/1-2	%	3
Tensile Modulus	23 °C	ISO-527/1-2	MPa	7000