

# DENILUB B 00U 0M<sub>0</sub>

PBT resin unfilled with improved slip properties for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,32
MVR (250°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	40
Linear Mould Shrinkage	-	ASTM D-955	%	1,9
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,9
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	185
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	65
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>	4,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	80
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	60
Elongation at Break	23 °C	ISO-527/1-2	%	>10
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2600
<b>TRIBOLOGICAL PROPERTIES</b>				
Wear Factor K	-	Thrust Washer	-	14
Coeff. of Friction	Dynamic	ASTM D-1894	-	0,16
Coeff. of Friction	Static	ASTM D-1894	-	0,23