

DENILUB B 00U 0M₀

PBT resin unfilled with improved slip properties for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,32
MVR (250°C/2,16 kg)	-	ISO-1133	cm ³ /10 min	40
Linear Mould Shrinkage	-	ASTM D-955	%	1,9
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,9
THERMAL PROPERTIES				
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
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	4,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	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
TRIBOLOGICAL PROPERTIES				
Wear Factor K	-	Thrust Washer	-	14
Coeff. of Friction	Dynamic	ASTM D-1894	-	0,16
Coeff. of Friction	Static	ASTM D-1894	-	0,23

