

# DENILUB M 00U 0M0

POM copolymer resin unfilled with improved slip properties for injection



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,41
MVR (190°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	13
Linear Mould Shrinkage	-	ASTM D-955	%	2,2
Trasversal Mould Shrinkage	-	ASTM D-955	%	2,1
Water Adsorption	23°C-Sat	ISO-62	%	0,8
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	150
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	100
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>	7
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	55
Elongation at Break	23 °C	ISO-527/1-2	%	>20
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2000
<b>TRIBOLOGICAL PROPERTIES</b>				
Wear Factor K	-	Thrust Washer	-	40
Coeff. of Friction	Dynamic	ASTM D-1894	-	0,16
Coeff. of Friction	Static	ASTM D-1894	-	0,2

