

DENILUB M 00U 20TFSi

POM resin unfilled with improved slip properties for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,43
MVR (190°C/2,16 kg)	-	ISO-1133	cm ³ /10 min	11
Linear Mould Shrinkage	-	ASTM D-955	%	2
Trasversal Mould Shrinkage	-	ASTM D-955	%	2
Water Adsorption	23°C-Sat	ISO-62	%	0,8
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	150
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	80
Long Term Temperature	-	Internal Method	°C	80
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	6
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	70
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	45
Elongation at Break	23 °C	ISO-527/1-2	%	>20
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2000
TRIBOLOGICAL PROPERTIES				
Wear Factor K	-	Thrust Washer	-	30
Coeff. of Friction	Dynamic	ASTM D-1894	-	0,13
Coeff. of Friction	Static	ASTM D-1894	-	0,15

