

DENILUB Y 20G 4TF

PA66 resin, 20% glass fiber reinforced with improved slip properties for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,41
Linear Mould Shrinkage	-	ASTM D-955	%	0,6
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,9
Water Adsorption	23°C-24h	ISO-62	%	245
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (10 N)	ASTM D-1525	°C	250
Long Term Temperature	-	Internal Method	°C	140
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	9
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	45
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	115
Elongation at Break	23 °C	ISO-527/1-2	%	2
Tensile Modulus	23 °C	ISO-527/1-2	MPa	6500
TRIBOLOGICAL PROPERTIES				
Coeff. of Friction	Dynamic	ASTM D-1894	-	0,22
Coeff. of Friction	Static	ASTM D-1894	-	0,3

