

DENYL 66 N

PA66 resin unfilled for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,14
Linear Mould Shrinkage	-	ASTM D-955	%	1,7
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,7
Water Adsorption	23°C-24h	ASTM D-570	%	2
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	240
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	75
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	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	80
Elongation at Break	23 °C	ISO-527/1-2	%	25
Tensile Modulus	23 °C	ISO-527/1-2	MPa	3000
ELECTRICAL PROPERTIES				
Comparative Tracking Index	-	IEC 60112	V	600
FLAME RESISTANCE				
Thickness 0,75 mm	-	UL 94	-	V2

