

DENYL 6 N

PA6 resin unfilled for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,13
Linear Mould Shrinkage	-	ASTM D-955	%	2
Trasversal Mould Shrinkage	-	ASTM D-955	%	2
Water Adsorption	23°C-24h	ASTM D-570	%	2,5
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	200
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	65
Long Term Temperature	-	Internal Method	°C	100
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	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	70
Elongation at Break	23 °C	ISO-527/1-2	%	15
Tensile Modulus	23 °C	ISO-527/1-2	MPa	3000
Flexural Strength	23 °C	ASTM D-790	MPa	90
Flexural Modulus	23 °C	ASTM D-790	MPa	2700
ELECTRICAL PROPERTIES				
Comparative Tracking Index	-	IEC 60112	V	600
FLAME RESISTANCE				
Thickness 0,75 mm	-	UL 94	-	V2

