

DENYL 6 3015

PA6 resin 30% Glass beads for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,33
Linear Mould Shrinkage	-	ASTM D-955	%	1
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,1
Water Adsorption	23°C-24h	ASTM D-570	%	1,6
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	195
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	70
Long Term Temperature	-	Internal Method	°C	120
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	5,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	25
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	50
Elongation at Break	23 °C	ISO-527/1-2	%	3
Tensile Modulus	23 °C	ISO-527/1-2	MPa	3200
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	HB
Thickness 1,6 mm	-	UL 94	-	HB

