

# DENISTAT N 25GC 04

PA6 resin 25% mixed fibers reinforced, semiconductive for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,28
Linear Mould Shrinkage	-	ASTM D-955	%	0,6
Trasversal Mould Shrinkage	-	ASTM D-955	%	1
Water Adsorption	23°C-24h	ASTM D-570	%	1,6
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	212
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	205
Long Term Temperature	-	Internal Method	°C	120
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	5,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	40
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	150
Elongation at Break	23 °C	ISO-527/1-2	%	2
Tensile Modulus	23 °C	ISO-527/1-2	MPa	11000
<b>ELECTRICAL PROPERTIES</b>				
Surface Resistivity	-	ASTM D257	Ohm	10 <sup>4</sup>