

DENISTAT P 40G 03

PP resin, 40% glass fiber reinforced, semiconductive for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,27
Linear Mould Shrinkage	-	ASTM D-955	%	0,3
Water Adsorption	23°C-24h	ASTM D-570	%	0,02
THERMAL PROPERTIES				
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	130
Long Term Temperature	-	Internal Method	°C	120
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	4
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	15
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	45
Elongation at Break	23 °C	ISO-527/1-2	%	1,3
Tensile Modulus	23 °C	ISO-527/1-2	MPa	8000
ELECTRICAL PROPERTIES				
Surface Resistivity	-	ASTM D257	Ohm	10 ^{^3}

