DENISAB 2010

ABS resin, 20% glass fiber reinforced for injection moulding

PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm^3	1,18
MVR (220°C/10 kg)	-	ISO-1133	cm^3/10 min	14
Linear Mould Shrinkage	-	ASTM D-955	%	0,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,7
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	100
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	95
Long Term Temperature	-	Internal Method	°C	75
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	13
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	60
Elongation at Break	23 °C	ISO-527/1-2	%	1,8
Tensile Modulus	23 °C	ISO-527/1-2	MPa	5500
FLAME RESISTANCE				
Thickness 3,0 mm	-	UL 94	-	HB
Thickness 1,5 mm	-	UL 94	-	HB