

VAMPSTAT C 10C 04 V0 28

PC resin, 10% carbon fiber reinforced, semiconductive, flame retarded halogen free for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,23
MVR (300°C/1,2 kg)	-	ISO-1133	cm ³ /10 min	16
Linear Mould Shrinkage	-	ASTM D-955	%	0,4
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,6
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	120
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	110
Long Term Temperature	-	Internal Method	°C	120
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	25
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	120
Elongation at Break	23 °C	ISO-527/1-2	%	2
Tensile Modulus	23 °C	ISO-527/1-2	MPa	9500
ELECTRICAL PROPERTIES				
Surface Resistivity	-	ASTM D257	Ohm	10 ⁴
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	V0
Thickness 1,6 mm	-	UL 94	-	V0