

VAMPLUB C 10G 3TF

PC resin, 10% glass fiber reinforced with improved slip properties for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,35
MVR (300°C/1,2 kg)	-	ISO-1133	cm ³ /10 min	14
Linear Mould Shrinkage	-	ASTM D-955	%	0,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,6
Water Adsorption	23°C-24h	ASTM D-570	%	0,15
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	145
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	135
Long Term Temperature	-	Internal Method	°C	130
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	8
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	30
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	65
Elongation at Break	23 °C	ISO-527/1-2	%	2,6
Tensile Modulus	23 °C	ISO-527/1-2	MPa	4000