

# VAMPLUB C 20G 2TF

PC resin, 20% glass fiber reinforced with improved slip properties for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,43
MVR (300°C/1,2 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	10
Linear Mould Shrinkage	-	ASTM D-955	%	0,4
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,55
Water Adsorption	23°C-24h	ASTM D-570	%	1,5
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	150
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	140
Long Term Temperature	-	Internal Method	°C	135
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	8
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	25
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	70
Elongation at Break	23 °C	ISO-527/1-2	%	2
Tensile Modulus	23 °C	ISO-527/1-2	MPa	6000
<b>FLAME RESISTANCE</b>				
Thickness 3,2 mm	-	UL 94	-	V1
<b>TRIBOLOGICAL PROPERTIES</b>				
Wear Factor K	-	Thrust Washer	-	40
Coeff. of Friction	Dynamic	ASTM D-1894	-	0,2
Coeff. of Friction	Static	ASTM D-1894	-	0,26

