

# VAMPTER C 3528 V0

PBT/PC blend, 35% glass fiber reinforced, flame retarded halogen free for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,55
MVR (250°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	10
Linear Mould Shrinkage	-	ASTM D-955	%	0,2
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,4
<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	165
<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>	45
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	95
Elongation at Break	23 °C	ISO-527/1-2	%	2,5
Tensile Modulus	23 °C	ISO-527/1-2	MPa	8000
<b>FLAME RESISTANCE</b>				
Thickness 3,2 mm	-	UL 94	-	V0
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	850
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	850

