

VAMPGREEN P 00U RC V2 28 1S 08 LH C

PP post industrial recycled based injection moulding compound, unfilled, flame retarded halogen free.



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	0,92
MVR (230°C/2,16 kg)	-	ISO-1133	cm ³ /10 min	25
Linear Mould Shrinkage	-	ASTM D-955	%	1,6
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,6
Water Adsorption	23°C-24h	ASTM D-570	%	0,02
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	90
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	50
Long Term Temperature	-	Internal Method	°C	85
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	4
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	65
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	27
Elongation at Break	23 °C	ISO-527/1-2	%	>100
Tensile Modulus	23 °C	ISO-527/1-2	MPa	1350
ELECTRICAL PROPERTIES				
Comparative Tracking Index	-	IEC 60112	V	600

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FLAME RESISTANCE					
Thickness 3,2 mm	-	UL 94	-		V2
Thickness 1,6 mm	-	UL 94	-		V2
Thickness 0,8 mm	-	UL 94	-		V2
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm		960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm		960