

VAMPGREEN P 00U V0 24 C3NC 1S06

PP post industrial recycled based injection moulding compound, unfilled, flame retarded halogen free, melamine free and melamine cyanurate free



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,04
MVR (230°C/2,16 kg)	-	ISO-1133	cm ³ /10 min	5
Linear Mould Shrinkage	-	ASTM D-955	%	1,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,5
Water Adsorption	23°C-24h	ASTM D-570	%	0,02
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	80
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	50
Long Term Temperature	-	Internal Method	°C	80
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	3,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	30
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	20
Elongation at Break	23 °C	ISO-527/1-2	%	>50
Tensile Modulus	23 °C	ISO-527/1-2	MPa	1800
ELECTRICAL PROPERTIES				
Comparative Tracking Index	-	IEC 60112	V	600

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FLAME RESISTANCE

Thickness 3,2 mm	-	UL 94	-	V0
Thickness 1,6 mm	-	UL 94	-	V0
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960
GWIT (1 mm)	-	IEC 60695-2-13	°C / mm	775
GWIT (2 mm)	-	IEC 60695-2-13	°C / mm	775