

VAMPSTAT Y 35GC 03 V0 28

PA66 resin, 35% mixed fibers reinforced, semiconductive,
flame retarded halogen free for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,45
Linear Mould Shrinkage	-	ASTM D-955	%	0,3
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,7
THERMAL PROPERTIES				
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	235
Long Term Temperature	-	-	°C	140
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	6
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	35
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	130
Elongation at Break	23 °C	ISO-527/1-2	%	1,5
Tensile Modulus	23 °C	ISO-527/1-2	MPa	16000
ELECTRICAL PROPERTIES				
Surface Resistivity	-	ASTM D257	Ohm	10 ^{^3}
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	V0
Thickness 1,6 mm	-	UL 94	-	V0
Thickness 0,8 mm	-	UL 94	-	V0
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960

