

VAMPSTAT Y 35GC 04 VO 30

PA66 resin, 35% mixed fibers reinforced, semiconductive,
flame retarded with red phosphorus for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,41
Linear Mould Shrinkage	-	ASTM D-955	%	0,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,8
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	230
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	235
Long Term Temperature	-	-	°C	110
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	8,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	55
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	170
Elongation at Break	23 °C	ISO-527/1-2	%	2
Tensile Modulus	23 °C	ISO-527/1-2	MPa	15500
ELECTRICAL PROPERTIES				
Surface Resistivity	-	ASTM D257	Ohm	10 ⁴
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	VO
Thickness 1,6 mm	-	UL 94	-	VO

