

# VAMPSTAT Y 25G 04 VO 30

PA66 resin, 25% glass fiber reinforced, semiconductive, flame retarded with red phosphorus for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,43
Linear Mould Shrinkage	-	ASTM D-955	%	0,6
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,9
<b>THERMAL PROPERTIES</b>				
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	230
Long Term Temperature	-	-	°C	140
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	7,5
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	150
Elongation at Break	23 °C	ISO-527/1-2	%	1,8
Tensile Modulus	23 °C	ISO-527/1-2	MPa	15500
<b>ELECTRICAL PROPERTIES</b>				
Surface Resistivity	-	ASTM D257	Ohm	10 <sup>4</sup>
<b>FLAME RESISTANCE</b>				
Thickness 3,2 mm	-	UL 94	-	VO
Thickness 1,6 mm	-	UL 94	-	VO

