

# VAMPSTAT HD 00U 09 V0 28 E

PE resin unfilled, flame retarded halogen free, dissipative, for extrusion



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,16
MVR (230°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	1,5
Linear Mould Shrinkage	-	ASTM D-955	%	2,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	2,5
Water Adsorption	23°C-24h	ASTM D-570	%	0,02
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	50
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	40
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	4
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	25
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	15
Elongation at Break	23 °C	ISO-527/1-2	%	>10
Tensile Modulus	23 °C	ISO-527/1-2	MPa	1500
<b>ELECTRICAL PROPERTIES</b>				
Surface Resistivity	-	ASTM D257	Ohm	10 <sup>9</sup>
<b>FLAME RESISTANCE</b>				
Thickness 3,2 mm	-	UL 94	-	V0
Thickness 1,6 mm	-	UL 94	-	V0
Oxygen Index (LOI)	-	ISO-4589-1/-2	%	35

