

# VAMPAMID 6 0024 VO E 40 T DB

PA6 resin unfilled, flame retarded halogen free, heat stabilized for extrusion



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,17
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	200
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	60
Long Term Temperature	-	Internal Method	°C	120
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	65
Elongation at Break	23 °C	ISO-527/1-2	%	>20
Tensile Modulus	23 °C	ISO-527/1-2	MPa	3500
Flexural Strength	23 °C	ASTM D-790	MPa	110
Flexural Modulus	23 °C	ASTM D-790	MPa	3100
<b>FLAME RESISTANCE</b>				
Thickness 3,0 mm	-	UL 94	-	VO
Thickness 1,5 mm	-	UL 94	-	VO
Thickness 0,75 mm	-	UL 94	-	VO