

VAMPAMID 6 0024 VO

PA6 resin unfilled, flame retarded halogen free for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,17
Linear Mould Shrinkage	-	ASTM D-955	%	1,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,5
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	200
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	70
Long Term Temperature	-	Internal Method	°C	120
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	4,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	90
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	70
Elongation at Break	23 °C	ISO-527/1-2	%	10
Tensile Modulus	23 °C	ISO-527/1-2	MPa	3500
ELECTRICAL PROPERTIES				
Comparative Tracking Index	-	IEC 60112	V	600



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FLAME RESISTANCE

Thickness 3,0 mm	-	UL 94	-	V0
Thickness 1,5 mm	-	UL 94	-	V0
Thickness 0,75 mm	-	UL 94	-	V0
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960

