

VAMPAMID 12 0024 VO HL/F

PA12 resin plasticized, unfilled, flame retarded halogen free
for extrusion



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,11
Linear Mould Shrinkage	-	ASTM D-955	%	1,8
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,8
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	125
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	55
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	10
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	23
Elongation at Break	23 °C	ISO-527/1-2	%	>100
Tensile Modulus	23 °C	ISO-527/1-2	MPa	700
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	VO
Oxygen Index (LOI)	-	ISO-4589-1/-2	%	30
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960