VAMPAMID 12 0024 V0 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	-	V0
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

DISCLAIMER

This document contains information based on average values as obtained from the laboratory tests and observations made on our products in natural colour. Tested materials were injection molded and conditioned in compliance with Standard ASTM D 618, procedure A. The above reported data are relative to the product dry-blended by Vamp Tech and correctly homogenized during the transformation process. Vamp Tech does not assume responsibility for performance below expectations due to poor mixing in the injection/ extrusion process. The reported values refer to our best technical knowledge at the moment of testing and cannot be used as a basis for the development of applications.
For a better assessment of the materials, you are kindly requested to contact our technical or commercial offices, which are at your disposal and will supply detailed information on the most suitable characteristics for their intended use. With reference to DPR n.224 dated May 24, 1988, issued in accordance with EC Guide-lines 85/374, Vamp Tech declines all responsability arising from an improper use of the products described in this document.

This material is halogen-free in compliance with the relevant regulamentation

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