

# VAMPALLOY 0024 V0 12 E LSFT

PC/ABS blend unfilled, flame retarded bromine and chlorine free, low smoke density and toxicity for extrusion



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,21
MVR (260°C/5 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	12
Linear Mould Shrinkage	-	ASTM D-955	%	0,6
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,6
Water Adsorption	23°C-24h	ASTM D-570	%	0,15
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	125
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	105
Long Term Temperature	-	Internal Method	°C	90
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	6,5
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	60
Elongation at Break	23 °C	ISO-527/1-2	%	>50
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2600
<b>FLAME RESISTANCE</b>				
Thickness 3,0 mm	-	UL 94	-	V0
Thickness 2,0 mm	-	UL 94	-	V0
Thickness 0,8 mm	-	UL 94	-	V0