VAMPALLOY 0024 V0 12 LSFT

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

PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm^3	1,21
MVR (260°C/2,16 kg)	-	ISO-1133	cm^3/10 min	20
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
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	105
Long Term Temperature	-	Internal Method	°C	90
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m^2	6,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m^2	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	2500
FLAME RESISTANCE				
Thickness 3,0 mm	-	UL 94	-	V0
Thickness 1,6 mm	-	UL 94	-	V0
Thickness 0,8 mm	-	UL 94	-	V0