

VAMPCARB U 0024 VO

PC modified unfilled, flame retarded halogen free for injection moulding and extrusion



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,25
MVR (300°C/5 kg)	-	ISO-1133	cm ³ /10 min	9
Linear Mould Shrinkage	-	ASTM D-955	%	0,8
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,8
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	175
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	160
Long Term Temperature	-	Internal Method	°C	140
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	9
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	2400
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	VO
Thickness 1,6 mm	-	UL 94	-	VO