

VAMPCARB 0024 VO A

PC unfilled, flame retarded bromine and chlorine free for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,22
MVR (300°C/1,2 kg)	-	ISO-1133	cm ³ /10 min	30
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	110
Long Term Temperature	-	Internal Method	°C	90
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	6
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	%	>20
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2500
FLAME RESISTANCE				
Thickness 3,0 mm	-	UL 94	-	VO
Thickness 1,6 mm	-	UL 94	-	VO
Thickness 0,8 mm	-	UL 94	-	VO
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960