VAMPSAB 0023 V0 A

ABS resin unfilled, flame retarded with halogens for injection moulding

PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm^3	1,18
MVR (220°C/10 kg)	-	ISO-1133	cm^3/10 min	40
Linear Mould Shrinkage	-	ASTM D-955	%	0,6
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,7
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	95
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	75
Ball Pressure Test	-	IEC 60695-10-2	°C	80
Long Term Temperature	-	Internal Method	°C	70
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	45
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	35
Elongation at Break	23 °C	ISO-527/1-2	%	>10
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2300
ELECTRICAL PROPERTIES				
Comparative Tracking Index	-	IEC 60112	V	450

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FLAME RESISTANCE				
Thickness 3,0 mm	-	UL 94	-	V0, 5VA
Thickness 1,6 mm	-	UL 94	-	V0, 5VA
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960