

VAMPSTYR 0023 V0 DF A

PS resin unfilled, flame retarded with halogens, for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,15
MVR (200°C/5 kg)	-	ISO-1133	cm ³ /10 min	8
Linear Mould Shrinkage	-	ASTM D-955	%	0,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,5
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	90
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	70
Long Term Temperature	-	-	°C	70
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	7
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	30
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	20
Elongation at Break	23 °C	ISO-527/1-2	%	>30
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2200
FLAME RESISTANCE				
Thickness 3,0 mm	-	UL 94	-	V0, 5VB
Thickness 1,6 mm	-	UL 94	-	V0
GWFI (1 mm)	-	IEC 60695-2-12	°C / mm	960
GWFI (2 mm)	-	IEC 60695-2-12	°C / mm	960