

# VAMPSTYR 0023 V0 UV

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



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,16
MVR (200°C/5 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	6
Linear Mould Shrinkage	-	ASTM D-955	%	0,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,5
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	80
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	70
Long Term Temperature	-	-	°C	60
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	6
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	25
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	20
Elongation at Break	23 °C	ISO-527/1-2	%	>20
Tensile Modulus	23 °C	ISO-527/1-2	MPa	2200
<b>FLAME RESISTANCE</b>				
Thickness 3,0 mm	-	UL 94	-	V0, 5VB
Thickness 1,6 mm	-	UL 94	-	V0