

# VAMPLN HD 0023 V2 E

PE resin unfilled, flame retarded with halogens for extrusion



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,03
MVR (230°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	1,3
Water Adsorption	23°C-24h	ASTM D-570	%	0,02
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	75
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	40
Long Term Temperature	-	Internal Method	°C	65
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	10
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	20
Elongation at Break	23 °C	ISO-527/1-2	%	>100
Tensile Modulus	23 °C	ISO-527/1-2	MPa	1000
<b>FLAME RESISTANCE</b>				
Thickness 3,2 mm	-	UL 94	-	V2
Thickness 1,6 mm	-	UL 94	-	V2