

VAMPSON L 3010

PPS resin, 30% glass fiber reinforced for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,58
Water Adsorption	23°C-Sat	ISO-62	%	0,02
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	250
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	255
Long Term Temperature	-	Internal Method	°C	200
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	30
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	150
Elongation at Break	23 °C	ISO-527/1-2	%	1,9
Tensile Modulus	23 °C	ISO-527/1-2	MPa	12000
FLAME RESISTANCE				
Thickness 3,2 mm	-	UL 94	-	V0