DENIGREEN N 15G RC 1S 06 H

PA6 post industrial recycled based injection moulding compound, 15% glass fiber reinforced, impact modified

VAMP TECH
Your Compounding Partner
DENIGREEN

PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm^3	1,20
Linear Mould Shrinkage	-	ASTM D-955	%	0,7
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,1
Water Adsorption	23°C-24h	ASTM D-570	%	1,6
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	200
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	190
Long Term Temperature	-	Internal Method	°C	120
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	80
Elongation at Break	23 °C	ISO-527/1-2	%	3,5
Tensile Modulus	23 °C	ISO-527/1-2	MPa	5000
FLAME RESISTANCE				
Thickness 3,0 mm	-	UL 94	-	HB
Thickness 1,5 mm	-	UL 94	-	HB
Thickness 0,75 mm	-	UL 94	-	HB