

DENIGREEN N1 30G SF 04 F

PA610 resin, partly from sustainable feedstock, 30% glass fiber reinforced, food contact grade for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,30
Linear Mould Shrinkage	-	ASTM D-955	%	0,5
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,9
Water Adsorption	23°C-24h	ASTM D-570	%	2,5
THERMAL PROPERTIES				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	210
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	205
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	12
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	70
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	130
Elongation at Break	23 °C	ISO-527/1-2	%	3
Tensile Modulus	23 °C	ISO-527/1-2	MPa	8000