

DENYL HT 1510

PPA resin, 15% glass fiber reinforced for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
PHYSICAL PROPERTIES				
Density	-	ISO-1183	g/cm ³	1,30
Linear Mould Shrinkage	-	ASTM D-955	%	0,45
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,8
THERMAL PROPERTIES				
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	260
Long Term Temperature	-	Internal Method	°C	150
MECHANICAL PROPERTIES				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m ²	5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m ²	20
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	100
Elongation at Break	23 °C	ISO-527/1-2	%	1,5
Tensile Modulus	23 °C	ISO-527/1-2	MPa	7500