

# DENYL HT 3510

PPA resin 35% glass fiber reinforced for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,48
Linear Mould Shrinkage	-	ASTM D-955	%	0,3
Trasversal Mould Shrinkage	-	ASTM D-955	%	0,7
Water Adsorption	23°C-24h	ASTM D-570	%	0,3
<b>THERMAL PROPERTIES</b>				
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	280
Long Term Temperature	-	Internal Method	°C	150
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	8
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	50
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	190
Elongation at Break	23 °C	ISO-527/1-2	%	1,8
Tensile Modulus	23 °C	ISO-527/1-2	MPa	14000