

# DENIFORM 0037

POM resin unfilled, impact modified for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,33
MVR (190°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	4
Linear Mould Shrinkage	-	ASTM D-955	%	2
Trasversal Mould Shrinkage	-	ASTM D-955	%	2
Water Adsorption	23°C-Sat	ISO-62	%	1
<b>THERMAL PROPERTIES</b>				
Heat Distortion Temperature	HDT A (1,80 MPa)	ASTM D-648	°C	70
Long Term Temperature	-	Internal Method	°C	80
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	18
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	NB
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	25
Elongation at Break	23 °C	ISO-527/1-2	%	>100
Tensile Modulus	23 °C	ISO-527/1-2	MPa	1300