

# DENILEN M 3012

PP resin, 30% mineral filled for injection moulding



PROPERTY	CONDITIONS	NORMS	UNITS	VALUE
<b>PHYSICAL PROPERTIES</b>				
Density	-	ISO-1183	g/cm <sup>3</sup>	1,13
MVR (230°C/2,16 kg)	-	ISO-1133	cm <sup>3</sup> /10 min	11
Linear Mould Shrinkage	-	ASTM D-955	%	1,1
Trasversal Mould Shrinkage	-	ASTM D-955	%	1,1
Water Adsorption	23°C-24h	ASTM D-570	%	0,02
<b>THERMAL PROPERTIES</b>				
Vicat Softening Point	VICAT B (50 N)	ASTM D-1525	°C	105
Long Term Temperature	-	Internal Method	°C	110
<b>MECHANICAL PROPERTIES</b>				
Impact Strength Izod Notched	23 °C	ISO-180/A	kJ/m <sup>2</sup>	3,5
Impact Strength Izod Unnotched	23 °C	ISO-180/U	kJ/m <sup>2</sup>	25
Tensile Strength at Break	23 °C	ISO-527/1-2	MPa	30
Elongation at Break	23 °C	ISO-527/1-2	%	>10
Tensile Modulus	23 °C	ISO-527/1-2	MPa	3000