

## NAXELL™ PC210MR

### General Purpose Medium MFR Polycarbonate with release

PC210MR is available in black color, internal and external lubricants and other modifications. Further information and details are available upon request.

#### Typical ASTM Properties

Properties	Test Method	English Units		S.I. Units	
<b>PHYSICAL</b>					
Specific Gravity	D 792	NA	1.2	NA	1.2
Mold Shrinkage, flow. 0.125" (3.2mm)	D 955	in/in	0.005-0.008	%	0.5-0.8
Melt Flow Rate @ 300C / 1.2kg, nominal	D 1238	g/10min	17	g/10min	17
<b>MECHANICAL</b>					
Tensile Strength @ Yield. 73°F (23°C), 0.125" (3.2mm)	D 638	psi	8,400	MPa	60
Flexural Strength. 73°F (23°C), 0.125" (3.2mm)	D 790	psi	14,000	MPa	96
Flexural Modulus. 73°F (23°C), 0.125" (3.2mm)	D 790	psi	340,000	MPa	2,343
Izod Impact, notched. 73°F (23°C), 0.125" (3.2mm)	D256	ft-lb/in	12	J/m	641
<b>THERMAL</b>					
Deflection Temperature, unannealed. 0.125" (3.2mm)	D 648				
264 psi (1.82 MPa), Load		°F	257	°C	125
66 psi (0.45 MPa), Load		°F	270	°C	132

The values shown on the data sheet are typical values that have been obtained on typical MRC materials and are not intended for specification purposes. Information on this data sheet is provided without any warranty or guarantee. Each user of the material should make his own test to determine the suitability of the material for his use. Therefore, it is understood and agreed that the customer assumes and hereby releases MRC Polymers, Inc. from all liabilities, incurred in connection with the use of MRC's products, technical assistance, and information.