

## PC210HR

### General Purpose High MFR Polycarbonate for Thin Wall Molding

PC210HR is available in black color only.  
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	1.19	NA	1.19
Melt Flow Rate (300°C/1.2 kg)	D 1238	g/10 min	25.0	g/10 min	25.0
Mold Shrinkage 0.125"(3.18mm)	D 955	in/in	0.005-0.007	%	0.5-0.7
<b>MECHANICAL</b>					
Tensile Strength @ Yield 73°F(23°C),0.125"(3.18mm)	D 638	psi	9,000	MPa	62
Tensile Elongation @ Break		%	50	%	50
Flexural Strength 73°F(23°C), 0.125"(3.18mm)	D 790	psi	13,500	MPa	93
Flexural Modulus, Secant 73°F(23°C),0.125" (3.18mm)		psi	330,000	MPa	2,274
Izod Impact, notched 73°F(23°C) , 0.125"(3.2mm)	D256	ft-lb/in	11	J/m	588
<b>THERMAL</b>					
Deflection Temperature, Unannealed 0.125"(3.18mm)	D 648				
264 psi ( 1.82 MPa ), Load		°F	257	°C	120
66 psi ( 0.45 MPa ), Load		°F	270	°C	132
<b>FLAMMABILITY</b>					
UL 94 Flame Class 0.125"(3.18mm)	- UL-94	Rating MRC	HB	Rating MRC	HB

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