

NAXELL™ PC210HR

Polycarbonate

MRC Polymers, Inc.

Message:

PC210HR is available in black color only.

Further information and details are available upon request.

General Information			
Features	General Purpose		
Uses	Thin-walled Parts		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	25	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, 3.18 mm)	62.0	MPa	ASTM D638
Tensile Elongation (Break, 23°C, 3.18 mm)	50	%	ASTM D638
Flexural Modulus (23°C, 3.18 mm)	2270	MPa	ASTM D790
Flexural Strength (23°C, 3.18 mm)	93.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	590	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	132	°C	
1.8 MPa, Unannealed, 3.18 mm	120	°C	
Flammability	Nominal Value		Test Method
Flame Rating (3.18 mm)	HB		UL 94

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Recommended distributors for this material

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