

NAXELL™ PC110-20G

Polycarbonate

MRC Polymers, Inc.

Message:

PC110-20G is available in natural and custom colors, internal and external lubricants, UV stabilized and other modifications Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Recycled Content	Yes		
Features	Medium Viscosity		
Appearance	Colors Available		
	Natural Color		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.10 to 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C, 3.20 mm)	103	MPa	ASTM D638
Tensile Elongation (Break, 23°C, 3.20 mm)	5.0	%	ASTM D638
Flexural Modulus (23°C, 3.20 mm)	5170	MPa	ASTM D790
Flexural Strength (23°C, 3.20 mm)	131	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.20 mm	146	°C	
1.8 MPa, Unannealed, 3.20 mm	141	°C	
CLTE - Flow (-40 to 35°C)	2.7E-5	cm/cm/°C	ASTM D696

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Recommended distributors for this material

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