

NAXELL™ PC117MH

Polycarbonate

MRC Polymers, Inc.

Message:

PC117MH 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	
Features	General Purpose High Flow
Uses	General Purpose
Appearance	Colors Available Natural Color

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	17	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	62.0	MPa	ASTM D638
Tensile Elongation (Break)	60	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	96.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	135	°C	
1.8 MPa, Unannealed	125	°C	

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Recommended distributors for this material

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