

NAXELL™ PC429HHI

Polycarbonate
MRC Polymers, Inc.

Message:
PC429HHI 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			
Additive	Impact Modifier		
Features	Good Dimensional Stability		
	High Flow		
	High Heat Resistance		
	Impact Modified		
Appearance	Colors Available		
	Natural Color		

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)	23	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	55.0	MPa	ASTM D638
Flexural Modulus - Secant	2070	MPa	ASTM D790
Flexural Strength	86.0	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	640	J/m	ASTM D256
Instrumented Dart Impact			ASTM D3763
-29°C	60.0	J	
23°C	56.0	J	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	124	°C	
1.8 MPa, Unannealed, 3.18 mm	114	°C	
CLTE - Flow (-40 to 35°C)	6.5E-5	cm/cm/°C	ASTM D696

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Recommended distributors for this material

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