

NAXELL™ PC429MHI

Polycarbonate

MRC Polymers, Inc.

Message:

PC110VL 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
	Lubricant
	UV Stabilizer
Features	Good Dimensional Stability
	High Heat Resistance
	Impact Modified
	Medium Flow
Appearance	Colors Available
	Natural Color

Physical	Nominal Value	Unit	Test Method
Density	1.19	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	12	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	58.0	MPa	ISO 527-2
Flexural Modulus	2270	MPa	ISO 178
Flexural Stress	86.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	50	kJ/m ²	ISO 180
Instrumented Dart Impact			ASTM D3763
-30°C	48.0	J	
23°C	47.0	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	124	°C	ISO 75-2/B
1.8 MPa, Unannealed	118	°C	ISO 75-2/A
CLTE			ASTM E831
Flow : -30 to 100°C	7.4E-5	cm/cm/°C	
Transverse : -30 to 100°C	7.8E-5	cm/cm/°C	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

