

## MRC Polymers NAXELL, PC117MH General Purpose Polycarbonate, Medium High MFR

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Molded

### Material Notes:

Available in natural and custom colors Can be UV Stabilized Internal and external lubricants can be added Information provided by MRC Polymers Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_MRC-Polymers-NAXELL-PC117MH-General-Purpose-Polycarbonate-Medium-High-MFR.php](http://www.lookpolymers.com/polymer_MRC-Polymers-NAXELL-PC117MH-General-Purpose-Polycarbonate-Medium-High-MFR.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D 792
Water Absorption	0.15 %	0.15 %	ASTM D 570
Linear Mold Shrinkage	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	ASTM D 955
Melt Flow	17 g/10 min @Load 1.20 kg, Temperature 300 °C	17 g/10 min @Load 2.65 lb, Temperature 572 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.0 MPa	8990 psi	ASTM D 638
Elongation at Break	60 %	60 %	ASTM D 638
Flexural Strength	96.0 MPa	13900 psi	ASTM D 790
Flexural Modulus	2.343 GPa	339.8 ksi	ASTM D 790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	ASTM D 648

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China