

Zeon Chemicals Zeonex® 480R Cyclo-Olefin Polymer

Category : Polymer , Thermoplastic , Cyclo Olefin Polymer

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Zeonex-480R-Cyclo-Olefin-Polymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.01 g/cc	1.01 g/cc	
Water Absorption	<= 0.010 %	<= 0.010 %	
Melt Flow	17 - 25 g/10 min @Load 2.16 kg, Temperature 280 °C	17 - 25 g/10 min @Load 4.76 lb, Temperature 536 °F	Z-011A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.001 MPa	8702.4 psi	
Elongation at Yield	40 %	40 %	
Tensile Modulus	2.20 GPa	319 ksi	
Flexural Strength	96.0 MPa	13900 psi	
Flexural Modulus	2.10 GPa	305 ksi	
Izod Impact, Notched	0.235 J/cm	0.441 ft-lb/in	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	138 °C	280 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.525	1.525	
Transmission, Visible	92 %	92 %	

Descriptive Properties	Value	Comments
Colored Pellet Content (Black Spots) (pcs/500g)	0	

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