

Zeon Chemicals Zeonex® 330R Cyclo-Olefin Polymer

Category : Polymer , Thermoplastic , Cyclo Olefin Polymer

Material Notes:

Zeonex®330R has a lower birefringence than other Zeonex® products. This grade can satisfy market demands in the optical area where low birefringence and high dimensional stability in precision optical parts is required.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Zeonex-330R-Cyclo-Olefin-Polymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	
Water Absorption	<= 0.010 %	<= 0.010 %	
Melt Flow	9.0 - 14 g/10 min @Load 2.16 kg, Temperature 280 °C	9.0 - 14 g/10 min @Load 4.76 lb, Temperature 536 °F	Z-011A

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.001 MPa	4641.3 psi	
Elongation at Yield	2.0 %	2.0 %	
Tensile Modulus	1.80 GPa	261 ksi	
Flexural Strength	66.0 MPa	9570 psi	
Flexural Modulus	2.80 GPa	406 ksi	
Izod Impact, Notched	0.108 J/cm	0.202 ft-lb/in	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	123 °C	253 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.509	1.509	
Transmission, Visible	92 %	92 %	

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