

Zeon Chemicals Zeonor® 1060R Cyclo-Olefin Polymer

Categories: [Polymer](#); [Thermoplastic](#); [Cyclo Olefin Polymer](#)

Material Notes: Zeonor 1020R shall be in the form of pellets.

Vendors: No vendors are listed for this material. Please [click here](#) if you are a supplier and would like information on how to add your listing to this material.

Physical Properties	Metric	English	Comments
Water Absorption	<= 0.0100 %	<= 0.0100 %	
Melt Flow	11.0 - 17.0 g/10 min	11.0 - 17.0 g/10 min	280°C; 2.16kg

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	53.00 MPa	7687 psi	

Thermal Properties	Metric	English	Comments
Transformation Temperature, Tg	100 °C	212 °F	
Deflection Temperature at 1.8 MPa (264 psi)	99.0 °C	210 °F	

Optical Properties	Metric	English	Comments
Refractive Index	1.53	1.53	
Transmission, Visible	92.0 %	92.0 %	

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

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error. We also ask that you refer to MatWeb's disclaimer and terms of use regarding this information. [Click here](#) to view all the property values for this datasheet as they were originally entered into MatWeb.

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