

ZEONEX[®] 330R

Product Data Sheet

Typical Properties*

Date Issued: Feb 2015

ZEONEX 330R Cyclo Olefin Polymer (COP) is an engineered plastic that provides excellent optical properties including high transparency, low birefringence, low water absorption, and very low fluorescence.

Property	Measurement Method	Unit	Result
Specific Gravity	ASTM D792	-	0.95
Water Absorption	ASTM D570	%	<0.01
Light Transmittance	ASTM D1003 (3mm)	%	92
Refractive Index	ASTM D542	-	1.509
Glass Transition Temperature	JIS K7121	°C	123
Heat Distortion Temperature	JIS D648	°C	103
Melt Flow Rate	JIS K6719 (260°C, 21.18N)	g/10min	11
Flexural Modulus	ASTM D790	MPa	3100
Pencil Hardness	JIS K5401		3H

*Typical properties. Not to be used for purposes of establishing specification(s).