

ZEONEX® 690R

Product Data Sheet

Typical Properties*

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ZEONEX 690R Cyclo Olefin Polymer (COP) is an engineered plastic that provides “glass-like” transparency, low protein absorption, high purity, low water absorption, and excellent moisture barrier.

Global medical compliance information is available www.zeonex.com/pharmaceuticals.aspx

Property	Measurement Method	Unit	Result
Specific Gravity	ASTM D792	-	1.01
Water Absorption	ASTM D570	%	<0.01
Light Transmittance	ASTM D1003 (3mm)	%	92
Glass Transition Temperature	JIS K7121	°C	136
Heat Distortion Temperature	JIS D648	°C	136
Melt Flow Rate	JIS K6719 (280°C, 21.18N)	g/10min	17
Flexural Modulus	ASTM D790	MPa	2200

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