

ZEONEX[®] 5000

Typical Properties*

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Product Data Sheet

ZEONEX 5000 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 [http:www.zhanyusj.com pharmaceuticals.aspx](http://www.zhanyusj.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	69
Melt Flow Rate	JIS K6719 (230°C, 21.18N)	g/10min	9
Flexural Modulus	ASTM D790	MPa	1900

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