

ZEONEX[®] K22R

Product Data Sheet

Typical Properties

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ZEONEX K22R Cyclo Olefin Polymer (COP) is an engineered plastic that provides excellent optical properties including high transparency, high strength, low water absorption, and excellent transcription.

Property	Measurement Method	Unit	Result
Specific Gravity	ASTM D792	-	1.01
Water Absorption	ASTM D570	%	<0.01
Light Transmittance	ASTM D1003 (3mm)	%	92
Refractive Index	ASTM D542	-	1.535
Glass Transition Temperature	JIS K7121	°C	143
Heat Distortion Temperature	JIS D648	°C	132
Melt Flow Rate	JIS K6719 (280°C, 21.18N)	g/10min	32
Flexural Modulus	ASTM D790	MPa	2410

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

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