

ZEONEX[®] RS420

Product Data Sheet

Typical Properties

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ZEONEX RS420 Cyclo Olefin Polymer (COP) is an engineered plastic which exhibits good impact strength, low moisture absorption, low dielectric loss, and low dielectric constant.

Property	Measurement Method	Unit	Result
Specific Gravity	ASTM D792	-	1.01
Water Absorption	ASTM D570	%	<0.02
Glass Transition Temperature	JIS K7121	°C	136
Heat Distortion Temperature	JIS D648	°C	134
Melt Flow Rate	JIS K6719 (280°C, 21.18N)	g/10min	7
Flexural Modulus	ASTM D790	MPa	1600
Dielectric Constant	ASTM D150 (1GHz)	-	2.3
Dielectric Loss Tangent	ASTM D150 (1GHz)	-	0.0003
Color		-	Opaque white

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