

ZEONOR® 1060R

Typical Properties*

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Product Data Sheet

ZEONOR 1060R Cyclo Olefin Polymer (COP) is an engineered plastic that provides excellent optical properties, low water absorption, high purity, low autofluorescence, and high molding transcription. It is ideal for use in life science consumables and non-precision optical applications.

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	100
Melt Flow Rate	JIS K6719 (280°C, 21.18N)	g/10min	60
Tensile Strength	D638	MPa	53
Tensile Elongation	D638	%	60
Flexural Modulus	ASTM D790	MPa	2100

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