

ZEONEX® 480R

Typical Properties*

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Product Data Sheet

ZEONEX 480R Cyclo Olefin Polymer (COP) is an engineered plastic that provides excellent optical properties including high transparency, low haze, low water absorption, and low fluorescence.

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	-	1.525
Glass Transition Temperature	JIS K7121	°C	138
Heat Distortion Temperature	JIS D648	°C	123
Melt Flow Rate	JIS K6719 (280°C, 21.18N)	g/10min	21
Flexural Modulus	ASTM D790	MPa	2100
Pencil Hardness	JIS K5401		H

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