ZEONOR® 1430R 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 | 133
Melt Flow Rate | JIS K6719 (280°C, 21.18N) | g/10min | 30
Flexural Modulus | ASTM D790 | MPa | 2200
Dielectric Constant | ASTM D150 (1MHz) | | 2.3
Dielectric Loss Tangent | ASTM D150 (1MHz) | | 0.0002