

**PPR02CL**

**Melt Index 2**

**Izod 1.2**

### Material Properties

Properties	Test Method	Unit	Typical Value
Melt Flow Rate (230°C/2.16kg)	D 1238	g/10 min	1.9
Density	D 792	g/cm <sup>3</sup>	0.900
Tensile Strength @ Yield	D 638 <sup>1</sup>	psi (MPa)	4,100 (28.3)
Tensile Elongation @ Yield	D 638 <sup>1</sup>	%	10
Flexural Modulus - 1% Secant	D 790A <sup>1</sup>	psi (MPa)	155,000 (1,070)
Notched Izod Impact			
-4°F (-20°C)	D 256 <sup>1</sup>	ft-lb/in (J/m)	1.2 (64)
73°F (23°C)	D 256A <sup>1</sup>	ft-lb/in (J/m)	5.5 (290)
DTUL, 66 psi (0.45 MPa), Unannealed	D 648 <sup>1</sup>	°F (°C)	187 (86.1)
Haze (20.0 mil (508 μm), Injection Molded)	D 1003	%	10

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

<sup>1</sup> Testing performed on ASTM D 638 Type I specimen, molded and tested in accordance with ASTM D 4101. Properties will vary with changes in molding conditions and aging time.

- PPR02CL is a random polypropylene that is clarified with high clarity and gloss, low odor and taste transfer, and good regrind stability.
- Suggested uses for PPR02CL includes, extrusion, blow molding and thermoforming where enhanced clarity is desired.
- Osterlene PPR02CL meets the requirements of the Food and Drug Administration, 21 CFR Section 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food." Specific limitations may apply. Contact your Osterman sales representative for more information.