

**PPR12CL**

**Melt Index 12**

**Izod 1.5**

### Material Properties

Properties	Test Method	Unit	Typical Value
Melt Flow Rate, I2 @ 230°C	D 1238	g/10 min	12
Density	D 1505	g/cm <sup>3</sup>	0.900
Tensile Strength @ Yield (50 mm/min)	D 638	psi	4,400
Elongation @ Yield (50 mm/min)	D 638	%	13
Flexural Modulus (1.3 mm/min), 1% Secant	D 790	psi	155,000
Rockwell Hardness	D 785	R Scale	108
Notched Izod Impact Strength @ 73°F	D 256	ft-lb/in	1.5
Gardner Impact Strength @ 23°C	D 2794	in-lb	170
Heat Deflection Temperature @ 66 psi	D 648	°C	90
Plaque Haze	FTTC 5606	%	15

Notes: Specimens were injection molded according to the conditions specified in ASTM D 4101. Gardner Specimen thickness was 3.2 mm.

- PPR12CL is a medium melt flow random copolymer with fast cycle time and easy mold release. It is designed for injection molding applications. Its clarity makes it an excellent choice for "see-through" housewares and rigid packaging.
- Osterlene PPR12CL 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.