



# Premier PH210NS

## Homopolymer Polypropylene

**MELT FLOW: 20.0**

**DENSITY: 0.90**

**Premier PH210NS** is a nucleated, medium flow rate homopolymer polypropylene with anti-static properties. It is designed for injection molding applications. This resin has \*FDA compliance.

<u>Resin Property</u>	<u>Typical Value</u>	<u>Units</u>	<u>Test Method</u>
Melt Flow	20.0	g/10 min	ASTM D-1238
Density	0.90	g/cm <sup>3</sup>	ASTM D-792
Tensile Strength at Yield (2.0 in/min, 51 mm/min)	5590 (38.5)	psi (MPa)	ASTM D-638
Elongation at Yield (2.0 in/min, 51 mm/min)	7.7	%	ASTM D-638
Flexural Modulus – 1% Secant (0.051 in/min; 1.3mm/min)	271,000 (1,870)	psi (MPa)	ASTM D-790A
Flexural Modulus – 1% Secant (0.51 in/min; 13mm/min)	310,000 (2,140)	psi (MPa)	ASTM D-790B
Notched Izod Impact (23C)	0.52 (28)	Ft-lb/in (J/m)	ASTM D-256A

Premier Polymers cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties but they should not be used to establish specification limits or used alone as the basis of design.

\*21 CFR 177.1520 (C)

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