



# Premier PH010

## Homopolymer Polypropylene

**MELT FLOW: 1.0**

**DENSITY: 0.90**

**Premier PH010** is a propylene homopolymer designed for stretched products such as flat yarn. It is a low flow rate resin with a broad molecular weight distribution. Targeted applications include flat yarns for woven bags, tape and rope, as well as vacuum forming applications, such as food packaging and industrial trays. This resin has \*FDA compliance.

<u>Resin Property</u>	<u>Typical Value</u>	<u>Units</u>	<u>Test Method</u>
Melt Flow	1.0	g/10 min	ASTM D-1238
Density	0.90	g/cm <sup>3</sup>	ASTM D-792
Tensile Strength at Yield	5,260 (36)	psi (MPa)	ASTM D-638
Elongation at Break	>500	%	ASTM D-638
Flexural Modulus	235,000 (1,610)	psi (MPa)	ASTM D-790
Heat Deflection Temp. (4.6 kgf/cm <sup>2</sup> )	117	Deg. C	ASTM D-648
Vicat Softening Point (4.6 kgf/cm <sup>2</sup> )	153	Deg. C	ASTM D-1525
Hardness, Rockwell	103R		ASTM D-785
Notched Izod Impact (23C)	0.863 (46)	ft-lb/in (J/m)	ASTM D-256

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)