



Premier PH015NM

Homopolymer Polypropylene

MELT FLOW: 1.5

DENSITY: 0.91

Premier PH015NM is a highly isotactic polypropylene (HIPP) with high strength, transparency and heat resistant properties, allowing weight reduction of injection molded articles via down-gauging, high service temperature performance, excellent optical properties and high speed processing. This product is nucleated and clarified, and meets requirements of the U. S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact.

<u>Resin Property</u>	<u>Typical Value</u>	<u>Units</u>	<u>Test Method</u>
Melt Flow Rate, I ₂ @ 230 °C	1.5	g/10 min	ASTM D-1238
Density	0.91	g/cm ³	ASTM D-1505
Tensile Strength at Yield	6,120	psi	ASTM D-638
Flexural Modulus, 1% Secant	284,000	psi	ASTM D-790
Elongation at Break	500	%	ASTM D-638
Notched Izod Impact Strength @ 73°F	0.735	Ft-lb/in	ASTM D-256
Rockwell Hardness	103	R-Scale	ASTM D-785
Heat Distortion Temperature	130	°C	ASTM D-648
Haze	48	%	ASTM D-1003

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.

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