

VINPOL™ PH015

Homopolymer Polypropylene

Melt Flow: 1.5

Density: 0.91

VINPOL PH015 is a highly isotactic polypropylene (HIPP) with high strength, transparency and heat resistant properties. This product allows weight reduction of injection molded articles via down-gauging. It also has high service temperature performance, excellent optical properties and high speed processing. This product 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.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 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 (42)	psi (MPa)	ASTM D-638
Elongation at Break	500	%	ASTM D-638
Flexural Modulus, 1% Secant	284,000 (1,960)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.74 (39)	ft-lb/in (J/m)	ASTM D-256
Rockwell Hardness	103	R	ASTM D-785
Heat Distortion Temperature	266 (130)	°F (°C)	ASTM D-648
Haze	48	%	ASTM D-1003

Vinmar Polymers America 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.