



VinPol™ PH015NM
Homopolymer Polypropylene

Melt Flow: 1.5

Density: 0.91

VINPOL 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. It 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

