



VinPol™ PH016NM
Homopolymer Polypropylene

Melt Flow: 1.6

Density: 0.90

VINPOL PH016NM is a polypropylene homopolymer with a combination of high stiffness, good transparency and heat resistance. It is nucleated/clarified and is compliant with U.S. FDA 21 CFR 177.1520 1.1a.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I ₂ @ 230°C	1.5	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	5,400 (37)	psi (MPa)	ASTM D-638
Tensile Elongation at Break	>200	%	ASTM D-638
Flexural Modulus	256,000 (1,770)	psi (MPa)	ASTM D-790A
Notched Izod Impact Strength, 73°F (23°C), 1/8" Bar	0.83 (44)	ft-lb/in (J/m)	ASTM D-256
Rockwell Hardness	108	R	ASTM D-785
Heat Deflection Temperature, Unannealed, 1/4" Bar	275 (135)	°F (°C)	ASTM D-648
Molding Shrinkage, @ 23°C	1.5-1.9	%	Supplier Method

