



VinPol™ PH030NM
Homopolymer Polypropylene

Melt Flow: 3

Density: 0.9

VINPOL PH030NM is a clarified homopolymer polypropylene designed for extrusion and thermoforming applications. It exhibits high crystallinity and offers excellent mechanical properties, good transparency and is in compliance with FDA 21 CFR 177.1520.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	3	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-792
Tensile Strength at Yield, 2 in/min (51 mm/min)	5,600 (39)	psi (MPa)	ASTM D-638
Elongation at Yield, 2 in/min (51 mm/min)	6	%	ASTM D-638
Flexural Modulus, 1% Secant, 0.051 in/min (1.3 mm/min)	280,000 (1,930)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	1.0 (50)	ft-lb/in (J/m)	ASTM D-256A
Heat Deflection Temperature, 4.6 kgf/cm ²	250 (121)	°F (°C)	ASTM D-648

