



VinPol™ PH170

Homopolymer Polypropylene

Melt Flow: 17

Density: 0.90

VINPOL PH170 is a homopolymer polypropylene with a narrow molecular weight distribution, designed for woven & non-woven applications, including staple fiber, continuous filament yarn and high tenacity yarn. This product contains no peroxide or peroxide decomposition byproducts, and it is an anti-gas fading product.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	17	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Stress at Yield	4,980 (34)	psi (MPa)	ASTM D-638
Tensile Strain at Break	>100	%	ASTM D-638
Flexural Modulus	228,000 (1,570)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.4 (21)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature, 4.6 kgf/cm ²	261 (127)	°F (°C)	ASTM D-648
Vicat Softening Point	311 (155)	°F (°C)	ASTM D-1525

