



VinPol™ PH210NS
Homopolymer Polypropylene

Melt Flow: 20

Density: 0.90

VINPOL PH210NS is a nucleated, medium flow rate homopolymer polypropylene with anti-static properties. It is designed for injection molding applications and is compliant with FDA 21 CFR 177.1520 (C).

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	20	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield (2 in/min, 51 mm/min)	5,590 (38.5)	psi (MPa)	ASTM D-638
Elongation at Yield (2 in/min, 51 mm/min)	7.7	%	ASTM D-638
Flexural Modulus, 1% Secant, 0.051 in/min (1.3 mm/min)	271,000 (1,870)	psi (MPa)	ASTM D-790A
Flexural Modulus, 1% Secant, 0.51 in/min (13 mm/min)	310,000 (2,140)	psi (MPa)	ASTM D-790B
Notched Izod Impact Strength, 73°F (23°C)	0.52 (28)	ft-lb/in (J/m)	ASTM D-256A

