



VinPol™ PH110

Homopolymer Polypropylene

Melt Flow: 11

Density: 0.9

VINPOL PH110 is a polypropylene homopolymer produced by Spheripol* Technology and designed for injection molding applications. It is a natural colored product with a balance of high flow, low cycle time, good rigidity and high gloss. Targeted applications include rigid packaging, household articles and furniture.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	11	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-792
Tensile Strength at Yield, 50 mm/min	4,930 (34)	psi (MPa)	ASTM D-638
Elongation at Yield, 50 mm/min	9	%	ASTM D-638
Flexural Modulus	210,000 (1,450)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.5 (30)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature, 0.46N/m ²	203 (95)	°F (°C)	ASTM D-648
Vicat Softening Point, 10N	309 (154)	°F (°C)	ASTM D-1525

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