

## VINPOL™ PH140

### Homopolymer Polypropylene

Melt Flow: 14

Density: 0.9

**VINPOL PH140** is a homopolymer polypropylene with high flow properties designed for injection molding. Typical applications include home appliances, agricultural and industrial equipment parts.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	14	g/10 min	ASTM D-1238
Density	0.90	g/cm <sup>3</sup>	ASTM D-1505
Tensile Strength at Yield	4,840 (33)	psi (MPa)	ASTM D-638
Elongation at Break	>500	%	ASTM D-638
Flexural Modulus	228,000 (1,570)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.74 (39)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature	230 (110)	°F (°C)	ASTM D-648
Vicat Softening Point	307 (153)	°F (°C)	ASTM D-1525
Melting Point	329 (165)	°F (°C)	ASTM D-3418
Rockwell Hardness	100	R Scale	ASTM D-785
Mold Shrinkage	1.0-2.0	%	Supplier Method

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