



VINPOL™ PH200

Homopolymer Polypropylene

Melt Flow: 20

Density: 0.90

VINPOL PH200 is a homopolymer polypropylene designed for general purpose injection molding applications such as closures, small appliances, housewares and toys. It provides excellent processability, good stiffness, ESCR, heat performance with minimal taste and odor. This product meets US FDA 21 CFR 177.1520, covering articles and components of articles intended for direct food contact.

*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-1505
Tensile Strength at Yield, 50 mm/min	4,900 (34)	psi (MPa)	ASTM D-638
Elongation at Yield, 50 mm/min	8	%	ASTM D-638
Flexural Modulus, 1.3 mm/min, 1% Secant	180,000 (1,241)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.5 (27)	ft-lb/in (J/m)	ASTM D-256A
Heat Deflection Temperature, 66 psi	212 (100)	°F (°C)	ASTM D-648
Rockwell Hardness	105	R Scale	ASTM D-785

*Specimens injection molded per ASTM D4101

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.

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