



VINPOL™ PH120

Homopolymer Polypropylene

Melt Flow: 12

Density: 0.9

VINPOL PH120 is a homopolymer polypropylene designed for extrusion of cast slit tape, mono and multi-filament, fiber, cast film and general purpose injection molding, such as for caps and closures. It has high rigidity and dimensional stability as well as easy process-ability. It meets requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520.

Resin Property	Typical Value	Units	Test Method
Melt Flow, I2 @ 230°C	12	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-792
Tensile Stress at Yield	4,930 (34)	psi (MPa)	ASTM D-638
Elongation at Yield	11	%	ASTM D-638
Flexural Modulus	195,750 (1,350)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.6 (32)	ft-lb/in (J/m)	ASTM D-256
Heat Deflection Temperature, 66 psi	203 (95)	°F (°C)	ASTM D-648

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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