



VINPOL™ PR120

Random Copolymer Polypropylene

Melt Flow: 12

Density: 0.9

VINPOL PR120 is a random copolymer designed for rigid injection molding applications with moderate clarity. Meets all requirements of the U. S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles and components of articles intended for direct food contact.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, I2 @ 230°C	12	g/10 min	ASTM D-1238
Density	0.9	g/cm ³	ASTM D-1501
Tensile Strength at Yield, 50 mm/min	4,400 (30)	psi (MPa)	ASTM D-638
Elongation at Yield, 50 mm/min	13	%	ASTM D-638
Flexural Modulus, 1% Secant, 1.3 mm/min	155,000 (1,068)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73° F (23°C)	1.5 (80)	ft-lb/in (J/m)	ASTM D-256
Gardner Impact Strength, 73° F (23°C)	170 (19)	ln-lb (J)	ASTM D-2794
Plaque Haze	15	%	FTTC 5606

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.