



VINPOL™ PI350

Impact Copolymer Polypropylene

Melt Flow: 35

Density: 0.900

VINPOL PI350 is a high melt impact copolymer resin suitable for injection molding applications. Meets all requirements of the U.S. Food and Drug Administration as specified in 21 CFR 177.1520, covering safe use of polyolefin articles intended for direct food contact.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 2.16kg at 230°C	35	g/10 min	ASTM D-1238
Density	0.900	g/cm ³	ASTM D-4883
Tensile Strength at Yield, 2"/min (51mm/min)	3,300 (23)	psi (MPa)	ASTM D-638
Elongation at Yield, 2"/min (51mm/min)	8	%	ASTM D-638
Flexural Modulus, 1% Secant, 1.3mm/min	140,000 (965)	psi (MPa)	ASTM D-790A
Flexural Modulus, 1% Secant, 13mm/min	160,000 (1,100)	psi (MPa)	ASTM D-790B
Notched Izod Impact Strength, 73° F (23°C)	2.5 (133)	ft-lbf/in (J/m)	ASTM D-256A

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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