



VinPol™ PI200NS

Impact Copolymer Polypropylene

Melt Flow: 20

VINPOL PI200NS is a high melt flow, impact block copolymer polypropylene with a high impact/stiffness balance and tough weld line performance. It is designed for injection molding applications, such as rigid containers (pails, buckets, housewares and industrial applications). It is also designed for automotive market compounding and is formulated with antistatic and nucleation additives.

Resin Property	Typical Value	Units	Test Method
Melt Flow (230°C, 2.16kg)	20	g/10 min	ASTM D-1238B
Tensile Strength @ Yield (50 mm/min)	2,600 (17.9)	psi (MPa)	ASTM D-638
Tensile Elongation at Yield (50 mm/min)	7	%	ASTM D-638
Flexural Modulus (1% Secant, 1.3 mm/min)	130,000 (896)	psi (MPa)	ASTM D-790-1A
Notched Izod Impact Strength, 23° C (73°F)	10 (534)	ft-lb/in (J/m)	ASTM D-256A
Gardner Impact, -30° C (-22°F)	270 (30.5)	ft-lb/in (J/m)	ASTM D-5420A

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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