



VINPOL™ PI0510GFIY

10% Glass Fiber Filled Polypropylene Copolymer Compound

Melt Flow: 5

10% Glass Filled

VINPOL PI0510GFIY is a 10% glass fiber reinforced, impact-modified polypropylene copolymer compound for injection molding applications. It is available in black color.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate, 230 °C/2.16 kg	5	g/10 min	ASTM D-1238
Density	0.970	g/cm ³	ASTM D792
Tensile Strength @ Yield	4,800 (33)	psi (MPa)	ASTM D-638
Flexural Modulus	225,000 (1,550)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C), 1/8" bar	5.0 (270)	ft-lb/in (J/m)	ASTM D-256
Deflection Temperature, 66 psi, 1/8" bar	265 (129)	°F (°C)	ASTM D-648
Deflection Temperature, 264 psi, 1/8" bar	245 (118)	°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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