



VINPOL™ PI210NS

Impact Copolymer Polypropylene

Melt Flow: 20

Density: 0.9

VINPOL PI210NS is a medium impact copolymer polypropylene with medium melt flow and excellent processing capability. It is designed for injection molding and compounding applications, such as small and large appliance parts. It also works well for crates, packaging, consumer and industrial applications and tool/tote boxes. This product 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
Density	0.9	g/cm ³	Supplier Method
Tensile Strength at Yield, 2.0 in/min (51 mm/min)	3,540 (24.4)	psi (MPa)	ASTM D-638
Elongation at Yield, 2.0 in/min (51 mm/min)	4.4	%	ASTM D-638
Flexural Modulus, 1% Secant, 0.051 in/min (1.3 mm/min)	187,000 (1,290)	psi (MPa)	ASTM D-790A
Flexural Modulus, 1% Secant, 0.51 in/min (13 mm/min)	214,000 (1,480)	psi (MPa)	ASTM D-790B
Notched Izod Impact Strength, 73° F (23°C)	2.7 (150)	ft-lb/in (J/m)	ASTM D-256A
Gardner Impact Strength-20°F (-29°C), 0.125 in (3.18mm)	201 (22.7)	In-lb (J)	ASTM D-5420

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