



VINPOL™ PI300N

Impact Copolymer Polypropylene

Melt Flow: 30

Density: 0.900

VINPOL PI300N is a high crystallinity, medium impact, nucleated polypropylene copolymer with high melt flow, balanced stiffness/toughness and good process-ability. It is designed for injection molded automotive interior applications and large appliance parts.

Resin Property	Typical Value	Units	Test Method
Melt Flow, 2.16kg at 230°C	30	g/10 min	ISO 1133
Density	0.900	g/cm ³	Supplier Method
Tensile Strength at Yield, 2"/min (51mm/min)	3,250 (22.4)	psi (MPa)	ASTM D-638
Elongation at Yield, 2"/min (51mm/min)	5	%	ASTM D-638
Flexural Modulus, 1% Secant, 0.051"/min (1.3mm/min)	160,000 (1,110)	psi (MPa)	ASTM D-790A
Flexural Modulus, 1% Secant, 0.51"/min (13mm/min)	183,000 (1,260)	psi (MPa)	ASTM D-790B
Deflection Temp. Under Load, 66psi (455kPa), Unannealed	202 (94.7)	°F (°C)	ASTM D-648
Notched Izod Impact Strength, 73° F (23°C)	3 (170)	ft-lbf/in (J/m)	ASTM D-256A
Gardner Impact, -20° F (-29°C), 0.125" (3.18mm) Geometry GC	235 (26.6)	In-lb (J)	ASTM D-5420

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