



VINPOL™ PI120KNS

Impact Copolymer Polypropylene

Melt Flow: 12

Density: 0.902

VINPOL PI120KNS is a high impact copolymer polypropylene designed for injection molding applications. It is formulated with antistat and nucleation additives.

Resin Property	Typical Value	Units	Test Method
Melt Flow (230°C/2.16 kg)	12	g/10 min	ASTM D-1238
Density	0.902	g/cm ³	ASTM D-792
Tensile Strength at Yield, 2 in/min (50 mm/min)	3,250 (22.4)	psi (MPa)	ASTM D-638
Tensile Elongation at Yield	6.7	%	ASTM D-638
Flexural Modulus, 0.05 in/min (1 mm/min), 1% Secant, Procedure A	165,000 (1,138)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 23° C (73°F)	No Break	ft-lb/in	ASTM D-256
DTUL, 66 psi Unannealed	95 (203)	°C (°F)	ASTM D-648

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