



## VINPOL™ PI100K

### Impact Copolymer Polypropylene

Melt Flow: 10

Density: 0.90

**VINPOL PI100K** is an impact copolymer polypropylene designed for injection molding applications. It has a good combination of impact performance, stiffness and dimensional stability. Targeted applications include electrical appliances, toys, home appliances and other containers.

Resin Property	Typical Value	Units	Test Method
Melt Flow (230°C/2.16 kg)	10	g/10 min	ASTM D-1238
Density	0.90	g/cm <sup>3</sup>	ASTM D-792
Tensile Strength at Yield	3,270 (22.5)	psi (MPa)	ASTM D-638
Elongation at Break	<300	%	ASTM D-638
Flexural Modulus	171,000 (1,180)	psi (MPa)	ASTM D-790
Notched Izod Impact Strength, 23° C (73°F)	>9.18 (No Break)	ft-lb/in	ASTM D-256
Notched Izod Impact Strength, -20°C (-4°F)	1.65 (88)	ft-lb/in (J)	ASTM D-256
Heat Deflection Temp., 4.6 kgf/cm <sup>2</sup>	110 (230)	°C (°F)	ASTM D-648
Rockwell Hardness	80	R	ASTM D-785

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