



VINPOL™ PI350K

Impact Copolymer Polypropylene

Melt Flow: 35

VINPOL PI350K is an ultra high impact copolymer polypropylene designed for injection molding and as a base resin for compounding applications. It has an excellent combination of impact performance, stiffness, flow mechanical properties and heat resistance. Targeted applications include electrical/home appliances, automotive and industrial parts, large containers and thin wall/high speed injection applications.

Resin Property	Typical Value	Units	Test Method
Melt Flow	35	g/10 min	ASTM D-1238
Tensile Strength at Yield	2,990 (20.6)	psi (MPa)	ASTM D-638
Elongation at Break	<300	%	ASTM D-638
Flexural Modulus (1% Secant, Inj. Molded)	142,000 (981)	psi (MPa)	ASTM D-790
Heat Distortion Temperature	110 (230)	°C (°F)	ASTM D-648
Notched Izod Impact Strength, 23° C	>9 (No Break)	ft-lb/in	ASTM D-256
Notched Izod Impact Strength, -20° C	1.3 (69)	ft-lb/in (J/m)	ASTM D-256
Rockwell Hardness	72	R	ASTM D-785
Accelerated Oven Aging (in Air at 150°C)	360	Hrs	ASTM D-3012

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