

VINPOL™ PI600

Impact Copolymer Polypropylene

Melt Flow: 60

Density: 0.90

VINPOL PI600 is an impact block copolymer with high ethylene content, ultra high melt flow, controlled rheology and good strength and stiffness. It is designed for injection molding applications such as household goods and as a base resin for automotive parts. It is well designed for multi-cavity injection molding. This resin is compliant with FDA 21 CFR 177.1520 (C).

Resin Property	Typical Value	Units	Test Method
Melt Flow	60	g/10 min	ASTM D-1238
Density	0.90	g/cm ³	ASTM D-792
Tensile Strength at Yield	3,700 (25)	psi (MPa)	ASTM D-638
Tensile Strain at Break	>10	%	ASTM D-638
Flexural Modulus	185,000 (1,270)	psi (MPa)	ASTM D-790
Heat Deflection Temp., 4.6 kgf/cm ²	221 (105)	°F (°C)	ASTM D-648
Notched Izod Impact Strength, 73° F (23°C)	1.1 (59)	ft-lb/in (J/m)	ASTM D-256
Notched Izod Impact Strength, 14° F (-10°C)	0.55 (29)	ft-lb/in (J/m)	ASTM D-256

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