vinmar polymers america

VINPOL™ PI600T

Impact Copolymer Polypropylene

Melt Flow: 60

Density: 0.91

VINPOL PI600T is an impact block copolymer with ultra high melt flow designed for large part and/or complex geometry injection molding applications. Articles made with this product have high rigidity and excellent impact strength. This product allows for high productivity and reduction in energy and cost. It also has good heat stability with low volatiles resulting in low odor properties. Typical applications include large electrical and electronics articles, as a base resin for automotive and other PP compounds, thin-walled food packaging, and housewares. This resin is compliant with FDA 21 CFR 177.1520.

Resin Property	Typical Value	Units	Test Method
Melt Flow	60	g/10 min	ASTM D-1238
Density	0.91	g/cm^3	ASTM D-1505
Tensile Strength at Yield	4,1200 (28)	psi (MPa)	ASTM D-638
Tensile Strain at Break	50	%	ASTM D-638
Flexural Modulus	235,000 (1,620)	psi (MPa)	ASTM D-790
Heat Deflection Temp.	248 (120)	°F (°C)	ASTM D-648
Notched Izod Impact Strength, 73° F (23°C)	1.23 (69)	ft-lb/in (J/m)	ASTM D-256
Notched Izod Impact Strength, ° F (-20°C)	0.83 (44)	ft-lb/in (J/m)	ASTM D-256
Rockwell Hardness	85	R-Scale	ASTM D-785

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