



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

Vinmar Polymers America cannot anticipate or control the many different conditions under which this information and/or product may be used. It does not guarantee the applicability or the accuracy of this information or the suitability of its products in any given situation. User of the material should make their own tests to determine the suitability of each such product for their particular purposes. The data listed herein falls within the normal range of product properties, but they should not be used to establish specification limits or used alone as the basis of design.

Vinmar Polymers America, LLC / 16825 Northchase Drive, Suite 1400, Houston, TX 77060
Phone: 281-902-0900 Fax: 281-260-8096

Rev. Date 03/4/2021

