



VINPOL™ PH1040TFF Series

40% Talc Filled Homopolymer Polypropylene Compound

Melt Flow: 10

40% Talc Filled

VINPOL PH1040TFF is a 40% talc filled homopolymer polypropylene compound. This product is designed for lawn and garden, industrial, automotive, and general purpose applications requiring excellent stiffness and good flow. It is available in a **natural color (PH1040TFF)**, **black (PH1040TFFY)**, custom colors, and UV stabilized (**PH1040TFFU**) versions.

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate	10	g/10 min	ASTM D-1238
Density	1.25	g/cm ³	ASTM D-792
Tensile Strength	4,600	psi	ASTM D-638
Elongation	6	%	ASTM D-638
Flexural Modulus, Tangent	510,000	psi	ASTM D-790
Flexural Strength	7,900	psi	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.6	ft-lb/in	ASTM D-256
Gardner Impact	6	in-lb	ASTM D-5420
Heat Deflection Temperature @ 66 psi	290	°F	ASTM D-648
Heat Deflection Temperature @ 264 psi	190	°F	ASTM D-648
Rockwell Hardness	92	R-Scale	ASTM D-785
Flammability	HB	-	UL-94
Mold Shrinkage	0.011-0.015	in/in	ASTM D-955

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.

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