



## VINPOL™ PH1040CFF Series

### 40% Calcium Filled Homopolymer Polypropylene Compound

Melt Flow: 10

40% Calcium Filled

**VINPOL PH1040CFF** is a 40% calcium filled homopolymer polypropylene compound that meets FDA guidelines for food contact. This product is designed for general purpose and customized applications within such markets as appliance, furniture, and housewares. It is available in a **natural color (PH1040CFF)**, **black (PH1040CFFY)**, custom colors, and UV stabilized (**PH1040CFFU**) versions

Resin Property	Typical Value	Units	Test Method
Melt Flow Rate	10	g/10 min	ASTM D-1238
Density	1.24	g/cm <sup>3</sup>	ASTM D-792
Tensile Strength	3,400	psi	ASTM D-638
Elongation	90	%	ASTM D-638
Flexural Modulus, Tangent	340,000	psi	ASTM D-790
Flexural Strength	6,200	psi	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	0.9	ft-lb/in	ASTM D-256
Gardner Impact	160	in-lb	ASTM D-5420
Heat Deflection Temperature @ 66 psi	232	°F	ASTM D-648
Heat Deflection Temperature @ 264 psi	142	°F	ASTM D-648
Rockwell Hardness	98	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.

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

Rev. Date 06/15/2022