

VINPOL™ PH30GF

30% Glass Filled Homopolymer Polypropylene Compound

30% Glass Filled

VINPOL PH30GF is a 30% glass filled homopolymer polypropylene compound for injection molding applications. It is available in a natural color.

Resin Property	Typical Value	Units	Test Method
Density	1.14	g/cm ³	ASTM D-792
Moisture Absorption, 23 °C, water, 24h	-	%	ASTM D-570
Mold Shrinkage, 1/8"	0.3-0.5	%	ASTM D-955
Tensile Strength	110	MPa	ASTM D-638
Tensile Modulus	7,500	MPa	ASTM D-638
Elongation	6	%	ASTM D-638
Flexural Strength	150	MPa	ASTM D-790
Flexural Modulus	7,000	MPa	ASTM D-790
Notched Izod Impact Strength, 73°F (23°C)	95	J/m	ASTM D-256
Notched Izod Impact Strength, -22°F (-30°C)	65	J/m	ASTM D-5420
Rockwell Hardness	110	R-Scale	ASTM D-785
Melting Point	165	°C	DSC
Heat Deflection Temperature @ 0.45 MPa	160	°C	ASTM D-648
Heat Deflection Temperature @ 1.8 MPa	158	°C	ASTM D-648
Coefficient of Linear Expansion	4	x10 ⁻⁵ 1/K	ASTM D-696
Flammability	HB	-	UL-94

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.