



VINPOL™ PA6633GFHY

33% Glass Filled, Heat Stabilized, Lubricated Polyamide 66

33% Glass Filled

Heat Stabilized,
Lubricated

VINPOL PA6633GFHY is a 33% glass filled, heat stabilized, and lubricated polyamide 66 resin designed for injection molded applications available in black color.

Resin Property	Typical Value	Units	Test Method
Density	1.38	kg/m ³	ASTM D-792
Filler/Reinforcement	33	%	ASTM D-2584
Tensile Strength @ Yield, 73 °F	29,500	psi	ASTM D-638
Tensile Elongation	3.0	%	ASTM D-638
Flexural Modulus	1,600,000	psi	ASTM D-790
Flexural Strength	42,000	psi	ASTM D-790
Notched Izod Impact, 1/8" bar	2.5	ft-lb/in	ASTM D-256
Deflection Temperature, 66 psi, 1/8" bar	500	°F	ISO 75-2/A
Deflection Temperature, 264 psi, 1/8" bar	480	°F	ISO 75-2/A

Note: Recommended drying conditions: 180 °F, 2 to 4 hours. Recommended processing conditions: barrel/nozzle 520-560 °F, mold 80-140°F, back pressure 50 psi

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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