



VINPOL™ PA633GFHIY

33% Glass Filled, Heat Stabilized, Impact Modified, Black Polyamide 6

Polyamide 6 Base Polymer

33% Glass Filled, Black

VINPOL PA633GFY is a black colored, 33% glass filled, impact modified, heat stabilized polyamide 6 product.

Resin Property	Typical Value	Units	Test Method
Moisture	0.20	Max %	ISO 15512-09
Ash	28-32	%	ISO 3451
Specific Gravity	1.32	-	ISO 1183
Notched Izod Impact	25	KJ/m ²	ISO 180
Tensile Strength	134	MPa	ISO 527-2
Tensile Elongation	3.5	%	ISO 527-2
Flexural Modulus	7,600	MPa	ISO 178
Melting Point	424 (218)	°F (°C)	ISO 3146
HDT, 1.8 MPa	190	°C	ISO 75-1/A

Pre-drying conditions: Dry in a dry air (desiccant) dryer at 180°F for 2-4 hrs, depending on moisture content. Max moisture content < 0.20%.

Processing Conditions: Injection molding melt temperature: 500-560°F. Injection molding mold temperature: 80-180°F. Store in dry area, protected from light exposure.

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 6/27/2022

