



VINPOL™ PA633GFI

33% Glass Filled, Impact Modified, Polyamide 6

Polyamide 6 Base Polymer

33% Glass Filled

VINPOL PA633GFI is a 33% glass filled, impact modified polyamide 6 product.

Resin Property	Typical Value	Units	Test Method
Moisture	0.20	Max %	ISO 15512
Ash	28-32	%	ISO 3451
Specific Gravity	1.33	-	ISO 1183
Notched Izod Impact, 23°C	14	KJ/m ²	ISO 180
Tensile Strength	150	MPa	ISO 527
Tensile Elongation	2	%	ISO 527
Tensile Modulus	8,200	MPa	ISO 527
Flexural Modulus	7,400	MPa	ISO 178
Melting Point	220	°C	ISO 11357
HDT, 1.8 MPa	200	°C	ISO 75

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: 150-180°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.

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