

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.

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