



VINPOL™ PA6633GFH

33% Glass Filled, Heat Stabilized Polyamide 66

33% Glass Filled

Heat-Aging Stabilized

VINPOL PA6633GFH is a 30% glass filled, heat-aging stabilized polyamide 66 resin designed for injection molded applications.

Resin Property	Typical Value	Units	Test Method
Mold shrinkage, 1/8"	0.4-0.7	%	ISO 294
Tensile Modulus, 23°C	11,000	MPa	ISO 527
Tensile Strength, 23°C	205	MPa	ISO 527
Elongation at break, 23°C	3	%	ISO 527
Notched Izod notched impact strength, 23°C	12	kJ/m ²	ISO 180
Notched Izod notched impact strength, -30°C	11	kJ/m ²	ISO 180
Flexural modulus, 23°C	10,400	MPa	ISO 178
Flexural strength, 23°C	280	MPa	ISO 178
Rockwell Hardness	120	R Scale	ISO 2039
Melting Temperature, 10°C/min	260	°C	ISO 11357
Heat Deflection Temperature under Load, 0.45MPa	260	°C	ISO 75, Flatwise
Heat Deflection Temperature under Load, 1.8MPa	250	°C	ISO 75, Flatwise
Coefficient of linear thermal expansion	-	10 ⁻⁵ /K	ISO 11359
Flammability	HB	-	UL94
Moisture absorption, 24 hr immersion	0.8	%	ISO 62
Specific Gravity	1.4		ISO 1183

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 6/25/2021