



VINPOL™ PA630GF Series

30% Glass Filled Polyamide 6

30% Glass Filled

Modified PA6

VINPOL PA630GF Series is a 30% glass fiber filled, modified polyamide 6 resin designed for injection molded applications. The product has good dimensional stability and high-cost performance, suitable for use in automotive parts, and electrical fields. The product is available in natural (**VINPOL PA630GF**) and black (**VINPOL PA630GFY**) colors and can also be adjusted according to the requirements.

Resin Property	Typical Value	Units	Test Method
Density	1.36	kg/m ³	ISO 1183
Tensile Stress, 20 mm/min	165	MPa	ISO 527-1
Strain at Break, 20 mm/min	3.0	%	ISO 527-1
Flexural Modulus, 5 mm/min	8,620	MPa	ISO 178
Charpy Notched Impact Strength, 23°C	10.7	kJ/m ²	ISO 179/1eA
Izod Notched Impact Strength, 23°C	10.5	kJ/m ²	ISO 180/1A
Melting Temperature, 10°C/min	220	°C	ISO 11357-1/-3
Deflection Temperature, 1.80MPa	205	°C	ISO 75-1/-2
Horizontal Burning Test, 1.5 mm	HB	-	UL 94

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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Rev. Date: 07/22/2025

