



### VINPOL™ PA625GFI

#### 25% Glass Filled, Impact Modified, Polyamide 6

Polyamide 6 Base Polymer

25% Glass Filled

VINPOL PA625GFI is a general purpose 25% glass filled, impact modified, lubricated, natural color polyamide 6 product.

| Resin Property        | Typical Value | Units             | Test Method |
|-----------------------|---------------|-------------------|-------------|
| Moisture              | ≤ 0.20        | %                 | ISO 15512   |
| Ash                   | 23-27         | %                 | ISO 3451    |
| Notched Charpy Impact | 10            | kJ/m <sup>2</sup> | ISO 179     |
| Notched Izod Impact   | 10            | kJ/m <sup>2</sup> | ISO 180     |
| Tensile Strength      | 128           | MPa               | ISO 527     |
| Tensile Elongation    | 3             | %                 | ISO 527     |
| Tensile Modulus       | 6,800         | MPa               | ISO 527     |
| Melting Point         | 220           | °C                | ISO 11357   |
| HDT, 1.8 MPa          | 210           | °C                | ISO 75      |

Drying conditions: 180°F for 2-4 hrs

Processing Conditions: Melt temperature: 500-560°F. Mold temperature: 140-180°F.

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 R/16/2022

