



VinPOL™ PA6UFNAT
Unfilled, Natural Polyamide 6

Unfilled

Natural Color

VINPOL PA6UFNAT is an unfilled, natural polyamide 6 resin.

Resin Property	Typical Value	Units	Test Method
Moisture	0.20 Max.	%	ISO 15512
Specific Gravity	1.12		ISO 1183
RV	2.7		*Supplier Method
Notched Izod Impact, 23°C	2.9 (6)	ft-lb/in ² (kJ/m ²)	ISO 180
Tensile Modulus	450,000 (3,100)	psi (MPa)	ISO 527
Tensile Strength	11,000 (76)	psi (MPa)	ISO 527
Tensile Elongation	40	%	ISO 527
Flexural Modulus	421,000 (2,900)	psi (MPa)	ISO 178
Melting Point	428 (220)	°F (°C)	ISO 11357
Heat Deflection Temperature, 1.8 MPa	392 (200)	°F (°C)	ISO 75

**1% Polymer solution in H2SO4 of 96% @ 20°C*

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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