

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*

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