

**Description**

PP2001NG is a 20% mineral-filled, prime, natural homo Polypropylene for injection molding. This product provides an outstanding combination of mechanical properties and ease of processing.

**General**

Material Status: Commercially Active

Filler Type: Talc 20 % by weight

Form: Pellets

Color: Natural

**Properties**

PROPERTIES	METHOD	UNIT	VALUE*
<b>PHYSICAL PROPERTIES</b>			
ASH CONTENT	ISO 3451	%	20
RELATIVE DENSITY	ISO 1183	g/cm <sup>3</sup>	1.06
VISCOSITY NUMBER	ISO 307	cm <sup>3</sup> /g	-
MOISTURE CONTENT	ISO 62	%	0.23
<b>MECHANICAL PROPERTIES</b>			
TENSILE STRENGTH AT BREAK (23 °C)	ASTM D638	Mpa	26
ELONGATION AT BREAK	ASTM D638	%	60
TENSILE MODULUS	ASTM D638	Mpa	2100
NOTCHED IZOD IMPACT (23 °C)	ISO 180	Kj/m <sup>2</sup>	5.5
UN-NOTCHED IZOD IMPACT	ISO 180	Kj/m <sup>2</sup>	49
<b>THERMAL PROPERTIES</b>			
HARDNESS	ISO 868	shore D	65
MFI @ 230 °C / 2.16 kg	ASTM D1238	g/10min	31

\*Typical properties, these are not to be construed as a specification.

Finexpolymer manufactures several products with various terminologies and physical properties. The data above represents a basic High Melt Flow, Prim General Purpose Homopolymer Polypropylene.

Finexpolymer Inc. makes no warranties concerning the suitability or fitness of any of its products for any particular purpose. It is the responsibility of the customer to determine that the product is safe, lawful, and technically suitable for the intended use.