

## IP-200NA

### Polypropylene Impact Copolymer

*IP-200NA* is an Impact injection molding copolymer certified prime resin designed for applications requiring excellent balance of stiffness and impact resistance. *IP-200NA* offers very good dimensional stability and impact resistance at low temperatures, improved processability, high flow rate and fast cycling. *IP-200NA* complies with FDA regulation 21CFR 177.1520 (a)(3)(i) / (c)3.1 + 3.2, and most international regulations concerning the use of Polypropylene in contact with food.

PROPERTIES	ASTM	UNIT	NOMINAL VALUES
<b>PHYSICAL</b>			
Melt Flow Rate (230°C, 2.16kg)	D1238	g/10 min	20
Density	D1505	g/cm <sup>3</sup>	0.900
Rockwell Hardness (R-Scale)	D785		81
<b>MECHANICAL</b>			
Flexural Modulus <sup>1</sup> (1% Secant)	D790	psi	157k
Tensile Strength @ Yield <sup>2</sup>	D638	psi	3180
Notched Izod Impact (73°F)	D256	ft-lb/in	3.0
Tensile Elongation @ Yield <sup>2</sup>	D638	%	7.0
HDT Under Load (66 psi, Unannealed Inj.)	D648	°F	190
Vicat Softening Temperature	D1525	°F	270

Typical Value of Properties not to be construed as specifications

1 - @ 0.051 in/min

2 - @ 2 in/min.



# Genesis Polymers

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